U.S. ENVIRONMENTAL PROTECTION AGENCY

TECHNICAL ENFORCEMENT SUPPORT AT HAZARDOUS WASTE SITES

CONTRACT NO. 68-W9-0007
TES X

Metcalf & Eddy, Inc.

ENVIRONMENTAL PROTECTION AGENCY
TECHNICAL ENFORCEMENT SUPPORT
AT
HAZARDOUS WASTE SITES

TES X

CONTRACT NO. 68-W9-0007
WORK ASSIGNMENT NO. R07056

FINAL

TOXICITY CHARACTERISTIC RULE COMPLIANCE EVALUATION INSPECTION REPORT

FOR

JESCO RESOURCES, INC.
1437 GENTRY STREET
NORTH KANSAS CITY, MISSOURI 64116
PHONE NUMBER (816) 471-4590
EPA ID. NO. NONE

Inspected: June 14, 1991

PERFORMED BY:

METCALF & EDDY, INC.
10502 NW AMBASSADOR DRIVE, SUITE 210
KANSAS CITY, MISSOURI 64153
PROJECT NO. 171056

August 19, 1991

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LIST OF ATTACHMENTS

1.0 INTRODUCTION

On June 14, 1991, a Toxicity Characteristic (TC) Rule Compliance Evaluation Inspection was performed by Metcalf & Eddy, Inc. (M&E) personnel at Jesco Resources, Inc. (Jesco) located at 1437 Gentry Street, North Kansas City, Missouri. The inspection was performed under the Technical Enforcement Support (TES) X Contract, Work Assignment No. R07056, for the U.S. Environmental Protection Agency (EPA) Region VII. This inspection was conducted under the authority of Section 3007 of the Resource Conservation and Recovery Act (RCRA) as amended.

This narrative report and attachments present the results of the inspection. The report focuses on Jesco's reported waste management practices, observations made during the inspection and document review findings. The inspection report is supplemented with the following items: Non-Notifier Checklist, Confidential Business Information (CBI) forms, Receipt for Documents, Notice of Violation, Site Map, Wastewater Discharge Permit, Wastewater Monitoring Analyses, Community Right-to-Know Report, SARA Title III, Section 311/312, Report Cover Letter, Toxic Chemical Release Inventory Report Cover Letter, and Photographs. These items are referenced in the report as Attachments 1 through 7.

2.0 PARTICIPANTS

Jesco
Richard Howell, President
Sal Fasone, Director of Technical Services
E. Eugene Parker, Plant Manager

Metcalf & Eddy, Inc.
Jim Aycock, Environmental Scientist
Susan Rodgers, Environmental Scientist

Missouri Department of Natural Resources
None Present

3.0 INSPECTION PROCEDURES

Upon arrival at Jesco, the M&E inspectors contacted Mr. Sal Fasone, Director of Technical Services, and presented him with their inspectors' credentials. The purpose and procedures of the inspection were explained to Mr. Fasone. The inspectors further explained to Mr. Fasone that he could declare any of the information being collected as CBI. Mr. Fasone indicated that Mr. Richard Howell, President of Jesco, is the authorized person to claim collected information as CBI for Jesco. The inspectors then explained to Mr. Howell that he could declare any of the information being collected as CBI.

The inspection consisted of a discussion of the operations at Jesco, wastes generated, waste management practices, a review of pertinent documents and a tour of the site. A Non-Notifier Checklist was completed during the interview and visual inspection (Attachment 1).

At the conclusion of the inspection, an exit interview was held during which the inspectors reviewed their findings and recommendations with Messrs. Fasone and Howell. Mr. Howell declared as CBI any mention of information related to Jesco's private label customers or photographs that show a private label logo or trademark (Attachment 2). Following the exit interview, Mr. Howell acknowledged providing copies of pertinent documents to the inspectors by signing a Receipt for Documents (Attachment 3). Mr. Howell was then presented with a Notice of Violation which he signed as acknowledgement of receipt (Attachment 4).

4.0 FACILITY DESCRIPTION

Jesco manufactures custom petroleum-based lubricating oils and grease (O&G) primarily for the mining and automotive industry. To produce the lubricating O&G, Jesco combines highly refined base oil stock, lye soap and various other performance additives such as trichloroethylene, mineral spirits, synthetic heating fluids, lead, lithium, and antimony. The highly refined oil is combined with the lye soap and performance additives in a large kettle that operates similar to a pressure cooker. When the ingredients reach the desired temperature and pressure, the material is reduced, conformed to the customer's specifications and packaged in metal totes, 55-gallon drums and/or small tubes. After packaging, the finished products are shipped to the customer or stored in Jesco's warehouses until the customer requests delivery.

Jesco has been at their present location since August 28, 1929. Before 1929, the Jesco site was a warehouse for a lumber company. In 1936, the main building was expanded to include office space. In 1984, Warehouse #2 was built to house lubricants for the mining industry. Currently, Jesco employs approximately 48 people who work one shift five days a week.

The current Jesco production facility is situated nearly three and one-half acres of land. There is one large building that covers 54,929 square feet and houses the production area, raw material storage space, filling and packaging areas, shipping and receiving areas, general offices, and a large warehouse area (Warehouse #1). A second building (Warehouse #2) covers approximately 11,777 square feet and is used for storing lubricating O&G for the mining industry. Two above-ground tank farms are situated north of Warehouse #2 and a storage lot surrounds the two tank farms (Attachment 5).

The Jesco site also has the capability of off-loading rail cars of highly refined base oil stock into the above-ground tanks. Railcar off-loading occurs on a regular basis. All air from process tanks, vented kettles, scrubbers and duct work is directed to a vapor recovery system before being released into the environment. The vapor recovery system consists of the duct work and a 40 horsepower, 2500 cubic feet per minute exhaust fan necessary to move the air past the 9000 gallon solids drop out tank. The air is then directed through a scrubber, charcoal filter and out the exhaust vent (Attachment 5). Also, all stormwater runoff and process water is collected and cycled through an oil/water separator and water filtration system. The water filtration system consists of an 100-mesh screen, 100 mesh filter bag, a sand filter tank, an activated charcoal tank and a fine-activated charcoal tank. The filtered water is then used for heating and cooling and any reclaimed oil is reworked back into the product.

5.0 FINDINGS AND OBSERVATIONS

Based on the June 14, 1991 inspection of Jesco, the following findings and observations were noted.

5.1 Waste Streams

Jesco generates the following waste streams:

(1) Waste oils, greases and floor dry - Jesco generates waste O&G and floor dry absorbent when spills or leaks from equipment are cleaned up. The waste is placed in a Browning-Furris Industries (BFI) roll-off container for disposal at a sanitary landfill. Approximately 400 pounds of waste O&G and floor dry absorbent is generated each month. This material cannot be reworked into the process, unlike other waste O&G from stormwater runoff or collection from the tank farms and railcar off-loading areas. The amount of O&G and floor dry absorbent mixture generated does not vary during the year.

(2) Oil filters - Jesco generates twelve to twenty-four 12 inch x 3 inch oil filters from their secondary oil recovery unit once every 12 to 18 months. Currently, Jesco places the waste oil filters in the BFI roll-off container for disposal at a sanitary landfill.

(3) General office trash - Jesco generates waste paper and packaging materials (i.e., broken wood pallets, waste plastic shrink wrap, empty raw material paper bags) which are placed in BFI roll-off containers for disposal at a sanitary landfill.

5.2 Records Review

Jesco has not notified the EPA or the Missouri Department of Natural Resources (MDNR) of any hazardous waste activities; therefore, no records regarding hazardous waste management were available for review. The M&E inspectors; however, did review Jesco's wastewater discharge permit issued by the City of North Kansas City; wastewater monitoring analyses for December 11, 1990; and sample analyses for tank water taken February 5, March 21, and April 24, 1991. In addition to reviewing the above records, the M&E inspectors reviewed Jesco's 1990 Community Right-to-Know Report, and cover letters to Jesco's 1991 SARA Title III, Section 311/312 Report and Toxic Chemical Release Inventory Report. All of the above referenced records are included in Attachment 6.

5.3 Visual Inspection

On June 14, 1991, M&E inspectors visually inspected the Jesco facility. The inspectors were guided by Mr. E. Eugene Parker, Plant Manager and Mr. Sal Fasone. Messers Parker and Fasone guided the inspectors to the above-ground tank farms where the highly refined base oil stock and bulk performance additives are stored. Mr. Parker pointed out the wastewater collection system for the tank farm. The inspectors were guided to the second floor of the production area where kettles are loaded with the bulk ingredients (Attachment 7, Photographs 6 and 7). Before a new batch is started, the tank is rinsed with hot base oil stock which remains in the tank and is used in the new batch (Attachment 7, Photograph 7).

The inspectors were then guided to Warehouse #1 located at the south end of the main building (Attachment 5). The inspectors observed a large pile of O&G and floor dry absorbent between a south wall and a product storage tank (Attachment 7, Photograph 8). Mr. Parker stated that any spills or leaks from piping or ancillary equipment that is absorbed with oil dry is scraped and swept up and placed in the roll-off container for disposal at a sanitary landfill. The inspectors inquired if Jesco had determine if the waste is hazardous as required by 40 C.F.R. § 262.11. Mr. Parker stated that as far as he knew no hazardous waste determination had been made on any of the wastes generated by Jesco. In the warehouse, the inspectors observed numerous rows and stacks of raw materials and finished products that had failed customer specifications (Attachment 7, Photograph 9). Mr. Parker explained that any material that failed customer specifications, such as not meeting the color scheme ordered, are gradually reworked into the that same type of product when a new batch is produced. Mr. Parker also explained that the off-specification materials in the warehouse have been stored there for about six months.

Mr. Parker and Mr. Fasone then guided the inspectors to the shipping area (Attachment 5). The inspectors observed in the northeast corner of the shipping area a 30-gallon drum used for solid waste, a five-gallon container and a funnel used to collect excess O&G (Attachment 7, Photograph 10). The 30-gallon drum contained paper, rags used to wipe up O&G, and floor dry absorbent saturated with O&G. Mr. Parker stated all wastes are placed in the roll-off container for disposal at a sanitary landfill.

The inspectors were then guided to Warehouse #2 located east of Warehouse #1 (Attachment 5). Jesco uses Warehouse #2 to store finished products for the mining industry and for raw material storage including 140 solvent used by private label customers. Outside of the warehouse on the north side, the inspector observed the BFI roll-off container and two pallets. One pallet had two 55-gallon drums that contained O&G and water that will be reclaimed and used in the production

process. The second pallet had nine 5-gallon pails that contained floor sweepings and O&G (Attachment 7, Photograph 12). Mr. Parker explained that the nine pails of O&G could not be worked into the process and were to be placed in the roll-off container for disposal. The inspectors asked if Jesco had determined if the wastes were hazardous. Mr. Parker stated that Jesco had not determined if the wastes were hazardous. The inspectors also observed that the concrete pad where the roll-off container is located contained water and oil (Attachment 7, Photographs 12 and 13). Mr. Parker indicated that in the left hand corner next to the warehouse is a sump that diverts the water to the oil/water separator (Attachment 7, Photograph 13).

The inspectors then observed approximately forty 55-gallon containers stored in a lot north of Warehouse #2 (Attachment 7, Photograph 14). Mr. Parker informed and showed the inspectors that most of the drums contained fatty acids, tallow, isobutyl alcohol (used in the Quality Control lab), and sludge (contaminated oil) that is reworked and used in the production process. The inspectors observed a large oil stain on the ground east of the drums (Attachment 7, Photograph 15).

The inspectors observed the tank farm area and stormwater collection system for the tank farm. Two 55-gallon drums were located on a pallet outside the secondary containment area (Attachment 7, Photograph 16). A closer examination of the drum contents revealed water and oil. Mr. Parker explained the sump pump had to be replaced; therefore the sump had to be drained. Mr. Parker indicated the drained material was placed in the drums until the pump was replaced but did not know why the drained material had not been emptied back into the system.

The inspectors then were guided to the main building where the the oil/water separator and water filtration system is located. The oil/water separator is located in the southwest corner of the production area. (Attachment 7, Photographs 18 and 19). The oil/water separator was not operating at the time of inspection. Mr. Parker explained that the oil reclaimed from the oil/water separator is sent to a secondary oil recovery unit where the oil is filtered and dehydrated and reused in the process. The reclaimed water is used for heating and cooling in the production plant.

The next area inspected was the maintenance shop. Located in the northeast corner of the production area. A small area on the second floor above the maintenance shop is utilized to store miscellaneous parts and materials used in the maintenance shop. The inspectors observed a cardboard box containing used oil filters generated from the secondary oil recovery unit (Attachment 7, Photograph 20). Mr. Parker stated that these filters are placed in the roll-off container and are disposed at a sanitary landfill. The inspectors also observed west of the maintenance shop between several boiler fuel tanks and the north wall a large O&G stained area (Attachment 7, Photograph 22).

The last area inspected was the packaging area located on the first floor of the production area. Large amounts of O&G and floor dry absorbent was observed on the floor near the bottom of the process kettles (Attachment 7, Photograph 23). Mr. Parker explained that this material is swept up and placed in the roll-off container and disposed at a sanitary landfill. Mr. Parker stated Jesco has not determined if the waste is hazardous.

6.0 CONCLUSIONS

Based on observations and information collected during the June 14, 1991 inspection, Jesco was issued a notice of violation for the following area of non-compliance:

1.	10 C.S.R. 25-5.262(2) Referencing 40 C.F.R. § 262.11	Failure to determine whether waste are hazardous

Specifically, Jesco has not determined if the waste O&G and floor dry absorbent mixture and waste oil filters are hazardous. The inspection revealed that Jesco uses trichloroethylene and lead (both TC Rule Constituents) to produce their products.

Although Jesco has received a wastewater discharge permit from the City of North Kansas City, representatives for the Missouri Department of Natural Resources indicated that the City of North Kansas City does not have a wastewater treatment facility. North Kansas City's wastewaters are treated by the City of Kansas City Blue River treatment plant.

ATTACHMENT 1

NON-NOTIFIER CHECKLIST

SOP No. 2321.4A

NOV Issued: (✓) Yes ( ) No Attachment 1

NON-NOTIFIER INSPECTION CHECKLIST

I. INITIAL INFORMATION

A. Facility Name: Jesco Date: 6-14-91

Address: 1437 Gentry Time: 8:20

Phone #: (816) 471-4590

B. Activity #: Inspector/Title: James Aycock Environmental scientist
Susan Rodgers Environmental Scientist

C. Initial Drive-by: Obvious concerns, observations or questions: (✓) Yes ( ) No

Describe: Leaking drums on pallets in rear. Possible leaking rail car

D. Facility Representatives: Sal Fasone Title: Director Technical Services

Richard Howell Title: President

Title:

E. Introduction:

(✓) Credentials/I.D. (✓) Purpose (✓) Authority (Sec 3007 RCRA) (✓) Scope (✓) CBI Explanation

(✓) Collection of correct and accurate information (Sec 1001/1002 U.S.C.)

F. Access Granted: (✓) Yes ( ) No (Obtain name, date, time and reason)

G. Type of Facility: ( ) Federal ( ) State ( ) County ( ) City (✓) Private

H. Description of facility operations: Formulates Lubricating oils and greases. Petroleum oil and Greases. finished base stock, highly refined oil Stored in tanks, cook a lye soap that reduced with oil cooled ~~packed~~ milled, Packaged. No hazardous wastes transported off site all taken care of on site by reblending back to process.

II. WASTE STREAMS

A. Complete a Waste Stream Data Sheet for each waste stream.

III. VISUAL INSPECTION

A. Complete a Waste Management Area Data Sheet for each waste management area visually inspected.

IV. REGULATORY STATUS:

( ) Conditionally exempt small quantity generator ( ) Large quantity generator

( ) Small quantity generator ( ) TSD

(✓) Other: Has not Determined if wastes are hazardous

V. EXIT BRIEFING:

(✓) CBI forms completed Notification forms provided? ( ) Yes ( ) No

(✓) Findings and observations summarized for the facility officials

NOV issued citing apparent violations? (✓) Yes ( ) No

(✓) Explanation of all violations cited on NOV and need to respond to NOV within 10 days time provided.

VII. SIGNIFICANT OBSERVATIONS/COMMENTS:

Stormwater runoff is collected on site, only time stormwater runoff is discharged to sanitary sewer is during heavy rain event. All stormwater runoff is collected, goes through oil/water separator, and four types of filters before it is used in processes.

VII. continued:

VIII. RECOMMENDATIONS:

( ) No apparent significant problems - no further action recommended

(✓) NOV issued - take appropriate action

( ) NOV issued - full CEI recommended

( ) Apparent endangerment to human health and/or environment - immediate attention recommended

( ) Other:

Inspector: Jim Aycock

Title: Environmental Scientist

Date: 6-14-81

Chief, RCRA Monitoring Section

Date:

WASTE STREAM DATA SHEET

Name of Waste Stream: waste oils and greases / floor dry

Generation Process: Oils and greases spill during formulation, Packaging. Floor Dry absorbant is used to soak up spills and leaks.

Waste generation amount and frequency:

Waste identification/determination by: ( ) process/product knowledge ( ) testing (✓) not completed by facility

Describe/copy (MSDS, Product labels, Test results, etc.):

CURRENT waste disposal practices: placed in BFI roll off container, taken to area landfill

PAST waste generation/disposal practices (to 1980): unchanged from above

Is waste properly identified? ( ) Yes ( ) No Apparent EPA waste code(s): Minimum D09B

Apparent Violations: May have Trichloroethylene, 1,1,1 trichloroethane, Lead and Antimony compounds

//

Name of Waste Stream: Oil filters

Generation Process: ~~Oil~~ Secondary oil recovery unit

Waste generation amount and frequency: 12-24 12"x3" filters once a year to year ½

Waste identification/determination by: ( ) process/product knowledge ( ) testing (✓) not completed by facility

Describe/copy (MSDS, Product labels, Test results, etc.):

Describe CURRENT waste disposal practices: Thrown into BFI roll off container taken to landfill

Describe PAST waste disposal practices (to 1980): ~~Oil~~ Secondary oil recovery unit

Is waste properly identified? ( ) Yes ( ) No Apparent EPA waste code(s):

Apparent Violations: Failure to Determine if hazardous

WASTE MANAGEMENT AREA DATA SHEET

Name of Waste Management Area: NO RCRA Waste Management Areas

Type of Area: ( ) Satellite Accumulation ( ) Container Storage ( ) Tank Storage ( ) Container Treatment

( ) Tank Treatment ( ) Wastewater Treatment ( ) Elementary Neutralization ( ) Recycling

( ) Other, describe: _____

_____

Inventory (type, number, size, age/storage time, etc.): _____

_____

_____

Container condition:	Yes	No	Comments
Unlabeled, improperly labeled	( )	( )	_____
Open, poorly closed	( )	( )	_____
Damaged, poor condition	( )	( )	_____
Leaking, evidence of past leaks	( )	( )	_____
Inadequate aisle space	( )	( )	_____
Evidence of incompatibility	( )	( )	_____

General Information:	Yes	No	Comments
Is area inspected	( )	( )	_____
Security	( )	( )	_____
Appropriate warning signs	( )	( )	_____
Spill Control & Safety Equipment	( )	( )	_____

Apparent Violations/Observations: _____

_____

_____

_____

_____

ATTACHMENT 2

CONFIDENTIAL BUSINESS INFORMATION FORMS

U.S. ENVIRONMENTAL PROTECTION AGENCY
RCRA INSPECTION
CONFIDENTIALITY NOTICE

Name and Address of Inspector(s)	Name and Address of Facility	
James Aycock Susan Rodgers 10502 NW Ambassador Suite 210 Kansas City, MO 64153 U.S. EPA, Region VII ENSV Division 25 Funston Road Kansas City, Kansas 66115	Jesco Resources, Inc. 1437 Gentry No. Kansas City, MO 64116 Owner, Operator, or Agent in Charge Richard S. Howell Title President Address Same as Above	
Name of Individual to Whom Notice Given Richard S. Howell	Title President	Date 6/14/91

It is possible that EPA will receive public requests for release of the information obtained during inspection of the facility above. Such requests will be handled by EPA in accordance with provisions of the Freedom of Information Act (FDIA), 5 U.S.C. 552; EPA regulations issued thereunder, 40 CFR Part 2; and the Resource Conservation and Recovery Act, Section 3007, as amended. EPA is required to make inspection data available in response to FOIA requests, unless the Administrator of the Agency determines that the data contains information entitled to confidential treatment.

Any or all of the information collected by EPA during the inspection may be claimed confidential, if it relates to trade secrets or commercial of financial matters that you consider to be confidential. If you make claims of confidentiality, EPA will disclose the information only to the extent, and by the means of the procedures set forth in the regulations (cited above) governing EPA's treatment of confidential information. Among other things, the regulations require that the EPA notify you in advance of publicly disclosing any information you have claimed and certified confidential.

To claim information confidential, you must certify that each claimed item meets <u>all</u> of the following criteria:

1. Your company has taken measures to protect the confidentiality of the information, and it intends to continue to take such measures.

2. The information is not, and has not been, reasonably obtainable without your company's consent by other persons (other than governmental bodies) by use of legitimate means (other than discovery based on a showing of special need in a judicial or quasi-judicial proceeding).

3. The information is not publicly available elsewhere.

4. Disclosure of the information would cause substantial harm to your company's competitive position.

At the completion of the inspection, you will be given a receipt for all documents, samples, and other materials collected. At that time you may make claims that some or all of the information is confidential and meets the four criteria listed above.

RCRA INSPECTION CONFIDENTIALITY NOTICE	Facility Jesco Resources, INC.

If you are not authorized by your company to make confidentiality claims, this notice will be sent by certified mail, along with the receipt for documents, samples, and other materials, to the Owner, Operator, or Agent in Charge of your firm, within two days of this date. That person must return a statement, specifying any information which should receive confidential treatment.

This statement from the Owner, Operator, or Agent in Charge should be addressed to:

Mr. David A. Wagoner
Director, Waste Management Division
United States Environmental Protection Agency
726 Minnesota Avenue
Kansas City, Kansas 66101

and mailed by registered, return-receipt requested mail with in seven (7) calendar days of receipt of this Notice.

Failure by your firm to submit a written request that information be treated as confidential, either at the completion of the inspection or by the Owner, Operator, or Agent in charge, within the seven-day period, will be treated by the EPA as a waiver by your company of any claims for confidentiality regarding the inspection data.

To be completed by the facility official receiving this Notice:

I have received and read this Notice.

Name RICHARD S. HOWELL

Title PRESIDENT

Signature R. S. Howell

Date 14 JUNE, 1991

If there is no one on the premises of the facility who is authorized to make business confidentiality claims for the firm, a copy of this Notice and other inspection materials will be sent to the Owner, Operator, or Agent in charge of the company. If there is another company official who should also receive this information, please designate below:

Name _____

Title _____

Address _____

_____

U.S. ENVIRONMENTAL PROTECTION AGENCY
726 MINNESOTA AVENUE
KANSAS CITY, KANSAS 66101

REQUEST FOR CONFIDENTIAL TREATMENT

Name of Individual	Title	Date
Richard S. Howell	President	6-14-91
Firm Name	**Firm Address**	
Jesco Resources, INC.	1437 Gentry, NO. Kansas City, mo 64116	

Information for which Confidential Treatment is requested:

- ANY MENTION OR INFORMATION RELATED TO OUR PRIVATE-LABEL CUSTOMERS OR PHOTOGRAPHS SHOWING PRIVATE-LABEL LOGOS OR TRADEMARKS.

Acknowledgement of Claimant

The undersigned requests that confidential treatment of the information described be provided in accordance with provisions of the Freedom of Information Act (FOIA), 5U.S.C.552; EPA regulations issued thereunder, 40 CFR Part 2; and the Resource Conservation and Recovery Act (RCRA), Section 3007, as amended. The undersigned further acknowledges that he/she is authorized to make such claims for his/her firm.

The undersigned also certifies that each item described above meets all of the following criteria: (1) The company has taken measures to protect the confidentiality of the information, and it intends to continue to take such measures: (2) The information is not, and has not been, reasonably attainable without the company's consent by other persons (other than governmental bodies) by use of legitimate means (other than discovery based on a showing of special need in a judicial of quasi-judicial proceeding; (3) The information is not publicly available elsewhere; and (4) Disclosure of the information would cause substantial harm to the company's competitive position.

Signature (Owner, Operator, or Agent)	Title
R. S. Howell	PRESIDENT
Name of Inspector **Title**	**Inspector's Signature**
James Aycock Environmental Scientist	James Aycock

ATTACHMENT 3

RECEIPT FOR DOCUMENTS

U.S. ENVIRONMENTAL PROTECTION AGENCY

RECEIPT FOR SAMPLES AND DOCUMENTS

Inspector(s) Name and Address	Firm Name and Address
James K. Aycock Susan Rodgers 10502 N.W. Ambassador Suite 210 Kansas City, Missouri 64153 U.S. EPA, Region VII ENSV Division 25 Funston Road Kansas City, Kansas 66115	Jesco Resources, INC. 1437 Gentry No. Kansas City, MO 64116 Name of Individual Richard S. Howell Title President
Date Collected	Samples were: ( ) Purchased ( ) Received no charge ( )Borrowed
Sample Numbers	Amount paid for Samples
Duplicate Samples Requested ( ) Yes ( ) No	Method of Payment ( ) Cash ( ) Voucher ( ) To be Billed

The documents and samples of chemical substances and/or mixtures described below were collected in connection with the administration and enforcement of the Resource Conservation and Recovery Act.

Receipt for the document(s) and/or Sample(s) described below is hereby acknowledged:

Site maps and process flow charts (6 pages)
City of North Kansas city wastewater discharge permit (12 pages)
Monitoring reports (water samples analyses) June 4, 1991, June 5, 1991
May 10, 1991 2 pages, march 28, 1991 (3 pages), 2-8-91, 1 page
2-14, 1991 2 pages, 1-16-91 (2 pages).
Community right to know 10-17-90 (11 pages)
SARA Title III Report 2-28-91 (8 pages)
Toxic chemical Release Inventory 29-June, 1990 (3 pages).

Signature (Owner, Operator, or Agent	Title
R. S. Howell	PRESIDENT
Name of Inspector / **Title**	**Inspector's Signature**
James Aycock ENV. Scientist	Jim Aycock

ATTACHMENT 4

NOTICE OF VIOLATION

Notice of Violation Pursuant to Requirements of the Resource Conservation and Recovery Act (RCRA)

TO: Facility Name: Jesco Resources INC.
Address: 1437 Gentry
NO. Kansas City MO. 64116
EPA ID Number: None Date: June 14 1991

During an inspection just completed to determine compliance with the requirements of Subtitle C of RCRA and regulations promulgated pursuant thereto, the following violations were identified:

Citation	Description of Violation
40 CFR 262.11	Failure To Determine whether wastes are hazardous - i.e. Oil Ethics from Separator and all tanks - Grease, pits and flow box and 9 - 5 gallon pails of grease, oil and flow box

This notice is provided to call your attention to those areas of noncompliance at the earliest possible time. This notice does not constitute a compliance order (Administrative Civil Complaint) issued pursuant to Section 3008 of RCRA and may not be a complete listing of all violations which may be identified as a result of this inspection.

The Jesco Resources INC. is hereby requested to submit in writing within 10 days of receipt of this notice a description of all corrective actions taken and/or a schedule for completion of necessary correction actions to be taken to: Mr. Mike Sanderson, Chief, RCRA Branch, U. S. Environmental Protection Agency, Region VII, 726 Minnesota Ave., Kansas City, Kansas, 66101. The corrective actions taken by Jesco Resources INC. will be considered in subsequent enforcement follow-up. Should civil penalties be assessed, corrective action(s) will be considered in assessing the penalty amount.

If you have any questions on this Notice or wish to discuss your response, you may call Sandi MacLeod (U. S. EPA) at (913) 551-7645, or _____, (_____), at _____.

This Notice prepared by Jason Agnew Date: 6-14-91

The undersigned person hereby acknowledges that he/she has received a copy of this Notice and has read same.

Printed Name: RICHARD S. HOWELL Date: 06/14/91

Signature: R. S. Howell

Title: PRESIDENT

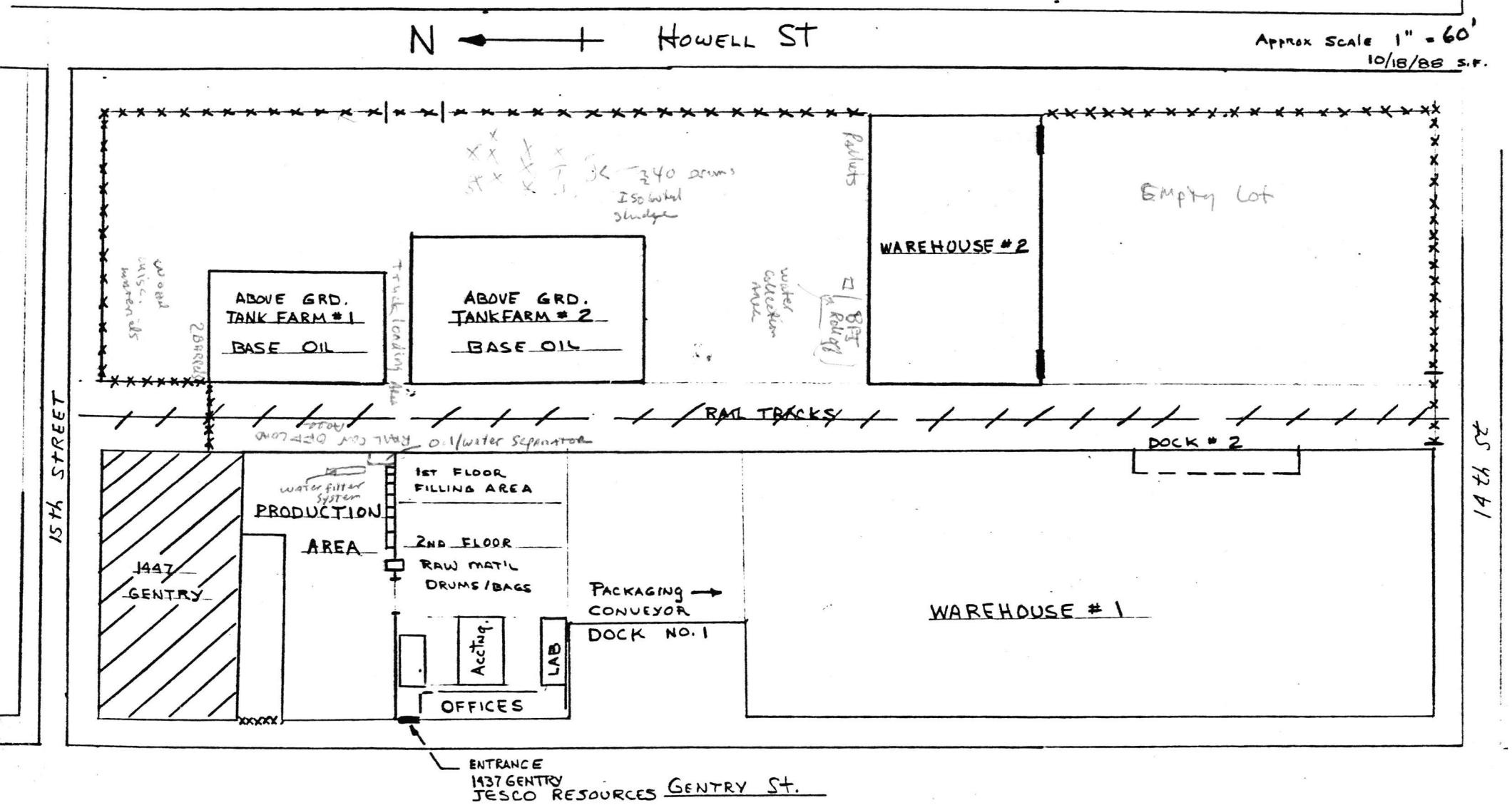
7-EPA-3500.7 (Rev. 5/85)

ATTACHMENT 5

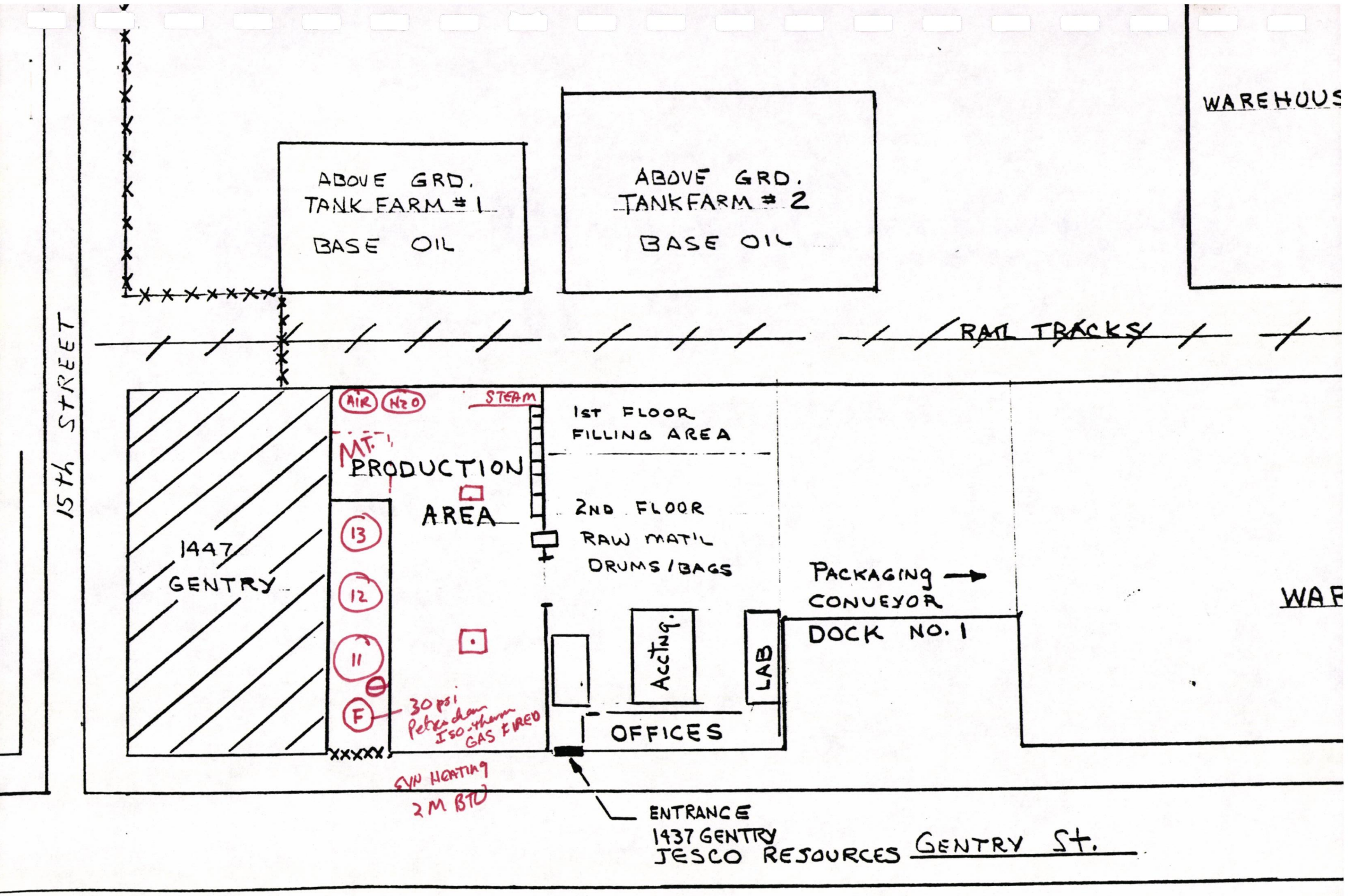
SITE MAP AND PROCESS DESCRIPTION MAP

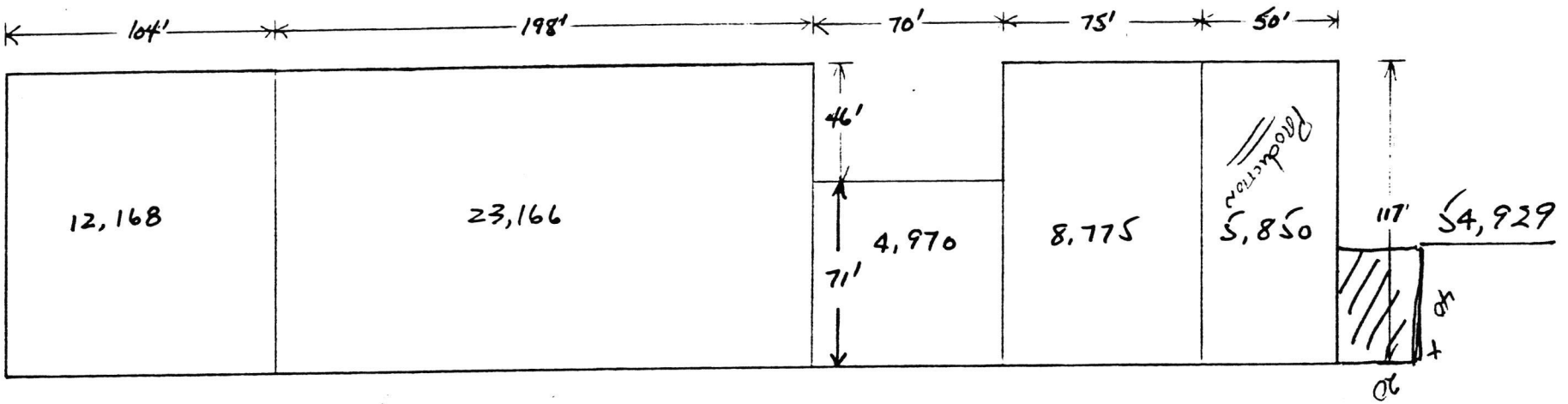
S. . . A.

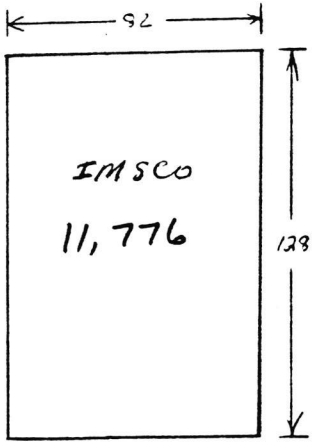
JESCO RESOURCES INC.



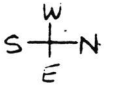
Sal Fasone

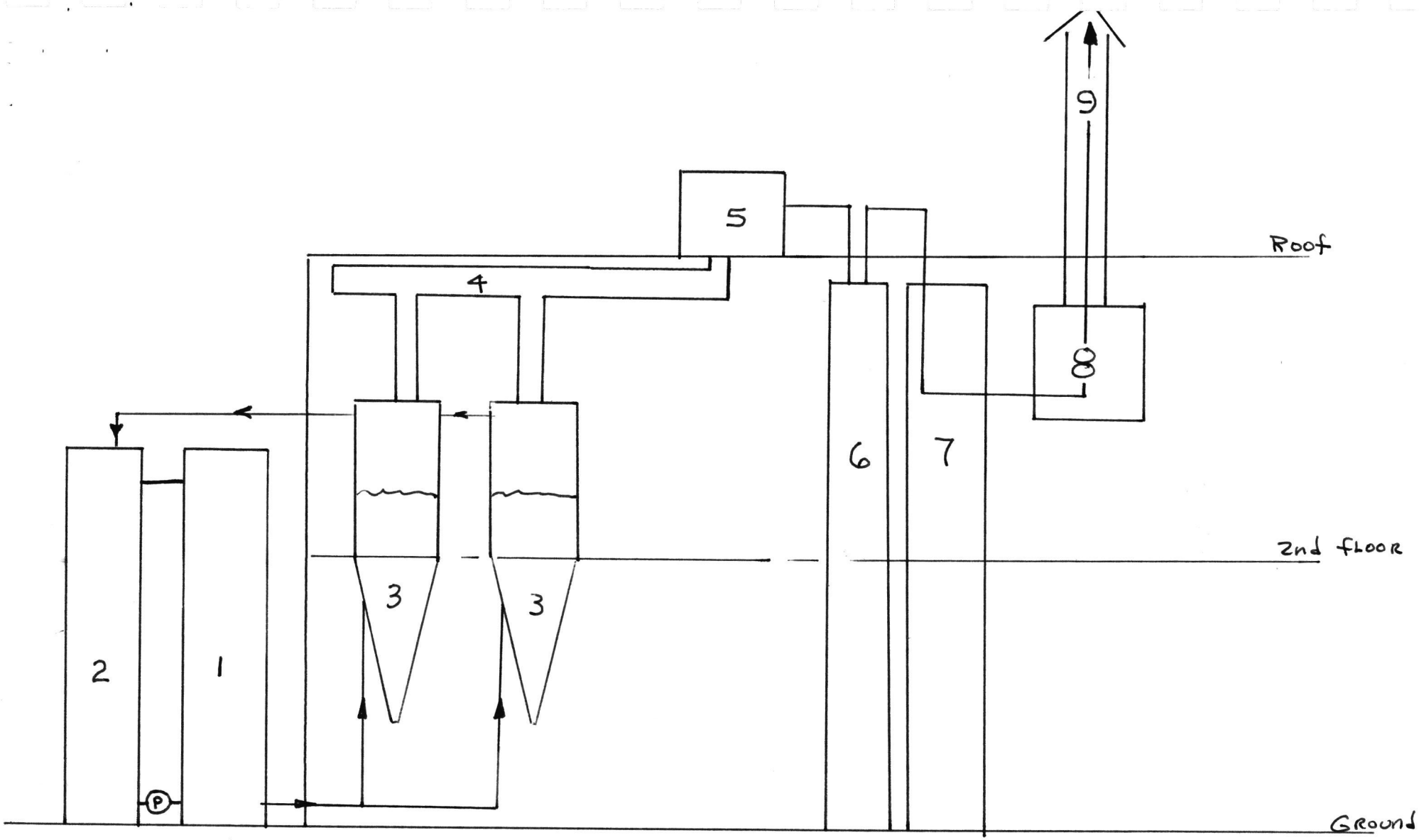

15th STREET
ABOVE GRD.
TANK FARM # 1
BASE OIL
ABOVE GRD.
TANK FARM # 2
BASE OIL
WAREHOUS
RAIL TRACKS
1447
GENTRY
AIR
H2O
STEAM
MT.
PRODUCTION
AREA
1ST FLOOR
FILLING AREA
2ND FLOOR
RAW MAT'L
DRUMS / BAGS
13
12
11
F
30 psi
Petrotherm
Iso-therm
GAS FIRED
PACKAGING
CONVEYOR
DOCK NO. 1
Acctng.
LAB
OFFICES
EVN HEATING
2M BTU
ENTRANCE
1437 GENTRY
JESCO RESOURCES
GENTRY St.





Jesco Resources Inc
1401-1439 Gentry
North Kansas City, MO

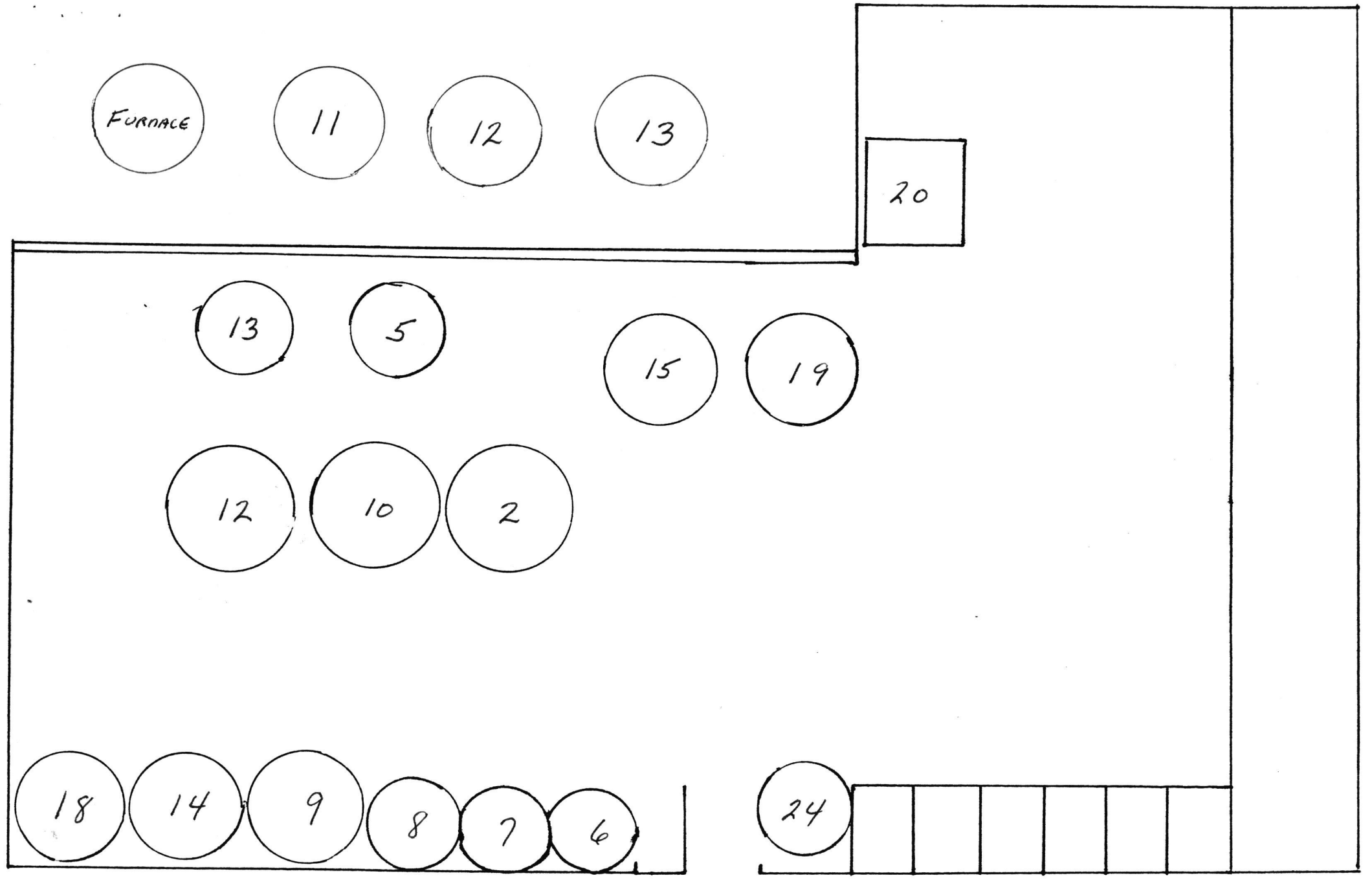




1. GAS FIRED FURNACE
2. EXPANSION TANK ISOTHERM
3. JACKETED KETTLES - CLOSED SYSTEM WITH 1 & 2
4. DUCT WORK
5. 40HP 2500 CFM EXHAUST
6. SOLIDS DROP OUT TANK
7. SCRUBBER
8. CHARCOAL FILTER
9. EXHAUST VENT

PROCESS FLOW DIAGRAM - PRODUCTION AREA

JESCO RESOURCES


FURNACE
11
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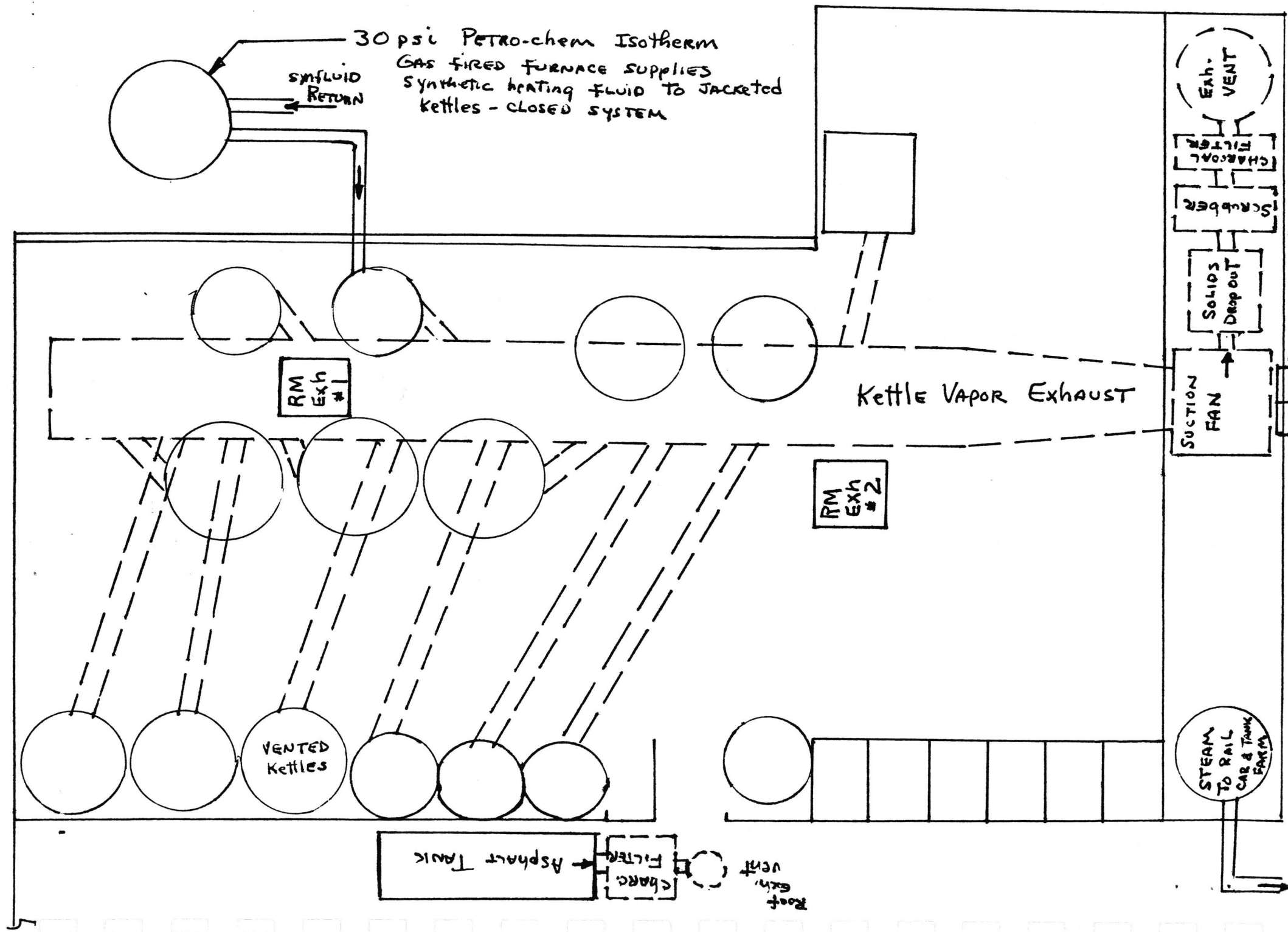

30 psi Petro-chem Isotherm
Gas fired furnace supplies synthetic heating fluid to jacketed kettles - closed system
SYNFLUID RETURN
Exh. VENT
CHARCOAL FILTER
SCRUBBER
SOLIDS DROP OUT
SUCTION FAN
Kettle Vapor Exhaust
RM Exh #1
RM Exh #2
VENTED Kettles
STEAM TO RAIL CAR & TANK FARM
Asphalt Tank
CHARC. FILTER
Roof exh. vent

ATTACHMENT 6

SUPPLEMENTAL DOCUMENTS

ATTACHMENT 6A

WASTEWATER DISCHARGE PERMIT

CITY OF NORTH KANSAS CITY
Public Works Department

Wastewater Discharge Permit

Permit Number 0012-C

In accordance with all applicable terms and conditions set forth in Chapter 25 of The Code of The City of North Kansas City and all applicable provisions of federal or state law and regulations; Permission to discharge wastewater to the public sanitary sewers of The City of North Kansas City is hereby granted to: JESCO RESOURCES, INC.

with facilities located at 1437 GENTRY .

This permit is granted in accordance with an application filed on March 26, 1991 with the office of the Pollution Control Division accompanied by baseline report data, plans, and other supporting information, all of which are filed with and considered part of this permit together with the attached named conditions and requirements.

Effective this 1st day of May , 1991 .

To expire on the 30th day of April , 1992 .

Director of Public Works

Mayor

Wastewater Discharge Permit

Special Conditions and Requirements

Jesco Resources Permit 0012-C

1. Testing & Data Reporting:

In addition to semi-annual reporting of pollutant discharges as required, the following parameters must be tested for and reported as follows:

Oil & Grease - Monthly

VOC's - Monthly

Lead - Monthly

Data to be reported and received by the 15th of each month to the North Kansas City Pollution Control Division. If no process flow - No Process Flow has to be reported.

	PARAMETER	CONTAINER TYPE	PRESERVATIVE	HOLDING TIME
	BOD_5	Plastic/Glass	Cool 4°C	48 Hours
	TSS	Plastic/Glass	Cool 4°C	7 Days
	COD	Plastic/Glass	Cool 4°C H_2S_04 < 2 pH	28 Days
	TDS	Plastic/Glass	Cool 4°C	48 Hours
*	pH	Plastic/Glass	None	Determine On Sight
*	Temperature	Plastic/Glass	None	Determine On Sight
*	Oil & Grease	Glass	Cool 4°C 1:1 HCL < 2	28 Days
	Ammonia	Plastic/Glass	Cool 4°C H_2S_04 < 2 pH	28 Days
	TK-N	Plastic/Glass	Cool 4°C H_2S_04 < 2 pH	28 Days
	Phosphorus	Plastic/Glass	Cool 4°C H_2S_04 < 2 pH	28 Days
	Cyanide	Plastic/Glass	Cool 4°C NAOL to pH 12	14 Days
	Phenolics	Glass	Cool 4°C H_2S_04 < 2 pH	28 Days
	Sulfide	Plastic/Glass	2 ml Zinc Acetate Cool 4°C	7 Days
	Fluoride	Plastic/Glass	None Required	28 Days
	Silver	Plastic/Glass	HNO_3 < 2 pH	6 Months
	Aluminum	Plastic/Glass	HNO_3 < 2 pH	6 Months
	Arsenic	Plastic/Glass	HNO_3 < 2 pH	6 Months
	Barium	Plastic/Glass	HNO_3 < 2 pH	6 Months
	Boron	Plastic/Glass	HNO_3 < 2 pH	6 Months
	Cadmium	Plastic/Glass	HNO_3 < 2 pH	6 Months
	$Chromium^{+6}$	Plastic/Glass	Cool 4°C	24 Hours
	$Chromium^{+3}$	Plastic/Glass	Cool 4°C	24 Hours
	Copper	Plastic/Glass	Cool 4°C	24 Hours
	Mercury	Plastic/Glass	Cool 4°C	28 Days

PARAMETER	CONTAINER TYPE	PRESERVATIVE	HOLDING TIME
Manganese	Plastic/Glass	Cool 4°C	6 Months
Nickel	Plastic/Glass	Cool 4°C	6 Months
Lead	Plastic/Glass	Cool 4°C	6 Months
Selenium	Plastic/Glass	Cool 4°C	6 Months
Zinc	Plastic/Glass	$HNO_3 < 2$	6 Months
* Hexane	Purgable Vial		14 Days
* VOC	Purgable Vial		14 Days
TTO	Glass	Cool 4°C	7 Days to Extrac

* Denotes Grab Sample Only

☐ Denotes Parameters for SAR testing

Limits shown are City limits only, catagorical limits (if any) may be more stringent.

JESCO RESOURCES, INC.
1437 GENTRY ST. ● P.O. BOX 12337 ● NORTH KANSAS CITY, MISSOURI 64116
(816) 471-4590 ● TELEX 43-4339 ● FAX 816-471-2240

March 26, 1991

Mr. David R. Weant
Environmental Technical II
Environmental Quality Control Division
2020 Bedford Avenue
North Kansas City, Missouri 64116

Dear Dave:

Enclosed is Jesco Resources, Inc. "Industrial Wastewater Discharge Permit Application." Our current permit is #0012-C, dated May 1, 1990.

Please call if you have any questions.

Sincerely,

Sal Fasone

Sal Fasone
Director, Technical Services

SF/bj
Encl.

CITY OF NORTH KANSAS CITY

Industrial Wastewster Discharge Permit Application

Existing Permit #0012-C

Name of company or business: Jesco Resources, Inc.

Mailing address: 1437 Gentry Street

North Kansas City, MO 64116

Plant or business location: Lubricant Manufacture

24-hour contact person(s): Richard S. Howell - President

Products or services: Manufacturer of custom greases & lube oils.

SIC Code(s)# 2992

Raw materials used and how stored:

Refined Petroleum Base Oils - Above ground tank farm.

Performance Additives & Components - Drums or bags.

Fuels, solvents, cleaning compounds used and how stored:

Exxon Caloria HT-43 Synthetic Heating Fluid

No. 2 Distillate - Drums (outdoors)

Mineral Spirts - Drums Trichloroethylene - Above ground storage tank

Number of shifts: One (1) Total number employed: 45 ±

Number days worked/week: Five (5)/Week

Peak month(s) if seasonal: Year round.

Water Supply	Monthly Average Flow	
City Water	3300 gal/day	Other Sources:
Well Water	Nil	

Wastewater discharges:

Number of discharge points: A. Sanitary (2)
B. From Water Treatment plant Only (1)

Approximate monthly average flow from each: Variable - Depending on rainfall volume

What percent of discharge is:

Cooling water	60 %	Process water	10 %
Boiler feed	10 %	Evaporated	10 %
Sanitary	10 %	Other (specify below)	%

Do you have an NPDES Permit? No Permit Number _____

What is the monthly average water use in product? 3,300 gal.

Is any part of your wastewater flow treated prior to discharge?

[X] Yes [ ] No

Do you sample plant wastewater for testing other than semi-annual testing required by North Kansas City? Yes If so, what type of sampling is done and what is its frequency? Lead: Approximately every sixty (60) days.

Describe pretreatment process(es) used. (Attach sketches or drawings)
Sketch attached.
We are in the process of adding a pressure recirculation pump, screen, bag filter and two stage activated carbon cannisters to recycle water in and out of storage tank to reduce oil and grease and VOC content.

Is your pretreatment process in current use? Yes

If not, what must be done to make it functional? Final plumbing and sampling of charcoal filtration system.

When will the pretreatment process be in use? April 1, 1991

Attach a plant layout diagram showing location of floor drains, lavatories, drain troughs, equipment drain points and/or other points of discharge to the public sewers. (Attach as Exhibit A) Flow charts and process diagrams are also requested if such are available for your plant. (If so, attach as Exhibit B)

What products, by-products or wastes from your plant are classified as hazardous? Tricholorethylene and lead compounds as components of finished products.

How are these disposed of? N/A

If yours is a federally classified categorical industry:

How is it classified? Sara Title III

What permits and reports are required? Annual Sara Title III

Are you on a compliance schedule? N/A
(If so, attach as Exhibit C)

Does your plant have a plan for:
(If so, attach as Exhibit D)

Accidental spill response	☐ Yes	☒ No
Reporting of slug discharges	☐ Yes	☒ No

Are wastewater samples taken for routine testing? Yes

If yes, what tests are run and by what lab: As required by NKC Water Survey - General Testing Labs.

What type of sampling system is used? As required from Water Treatment System

In consideration of the granting of this permit, the undersigned agrees to:

1. Furnish follow-up data based on the results of the required base report on a semi-annual schedule as requested by the Superintendent of Utilities and to annually update the information provided on this application form.

2. Keep pollutant concentrations or loadings compliant with the required discharge limitations assigned by the Director following analysis of the Base Line Report of Pollutant Discharges required for submission with this application.

3. Furnish any additional information related to use of the public sewers which may be required pursuant to consideration of this application by the Superintendent.

4. Accept and abide by all provisions of Chapter 25 of The Code of the City of North Kansas City Missouri and whatever amendments are made thereto, and comply with all requirements of Federal categorical industry rules and regulations wherein they apply.

5. Maintain any pretreatment facility efficiently and in a sanitary manner at all times and at no expense to the City.

6. Cooperate with the Superintendent and his authorized representative(s) in regard to entrance upon the premises for sampling or inspection and to make access readily available to all sampling points, floor drains and other openings to the sewer system.

7. Notify the City immediately of any accidental spills or unusually strong (slug) discharges or the entrance into the sewers of any substance prohibited by City ordinance.

8. Accept and abide by all general conditions and requirements to be associated with and attached to the wastewater discharge permit and any special conditions and requirements which may be thus attached beginning on the date of permit issuance.

CERTIFICATION:

I certify that to the best of my knowledge all responses by which I have provided information on the application are true, complete and accurate and all agreements specified are understood.

COMPANY Jesco Resources, Inc.

SIGNATURE Sal Fasone

Sal Fasone

TITLE Director, Technical Services

DATE March 26, 1991

DATE SUBMITTED: 04/10/89

FACILITY NAME: JESCO RESOURCES, INC.

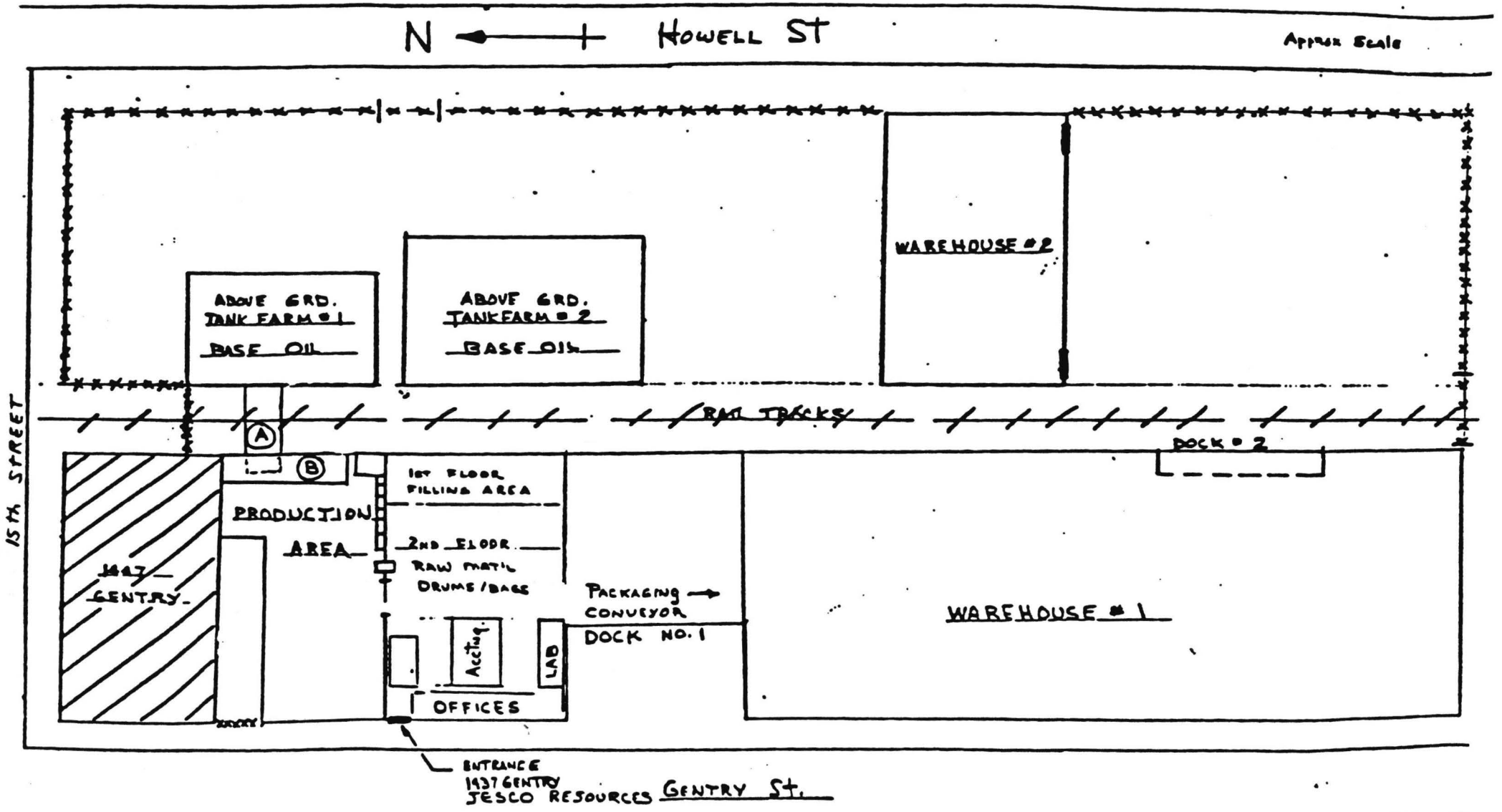
1437 Gentry St., NKC, MO 64116

PLANT LAYOUT DIAGRAM

A. WATER COLLECTION PIT

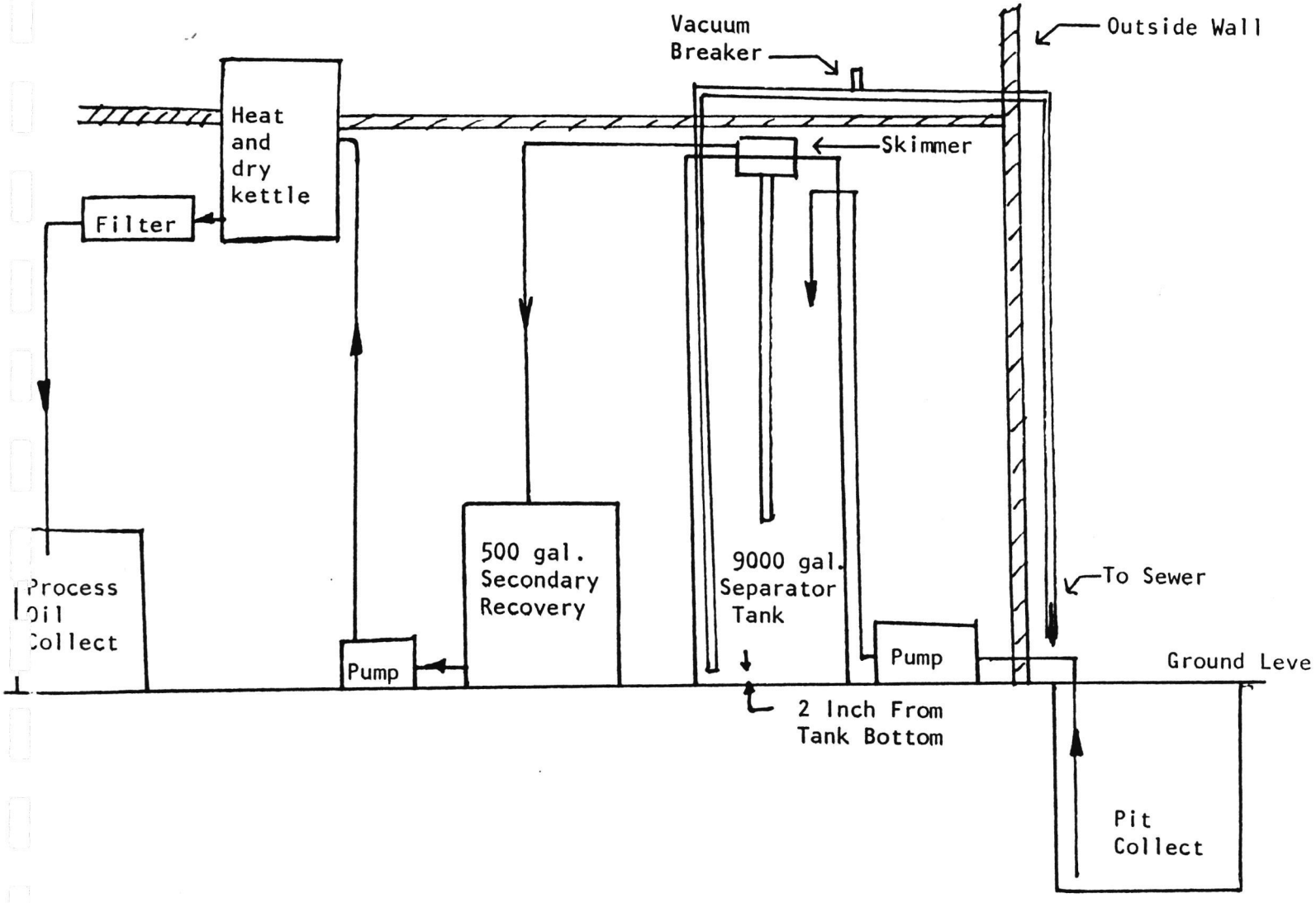
B. WATER PRETREATMENT PLANT

**** CHAIN LINK FENCE



JESCO PRETREATMENT PLANT

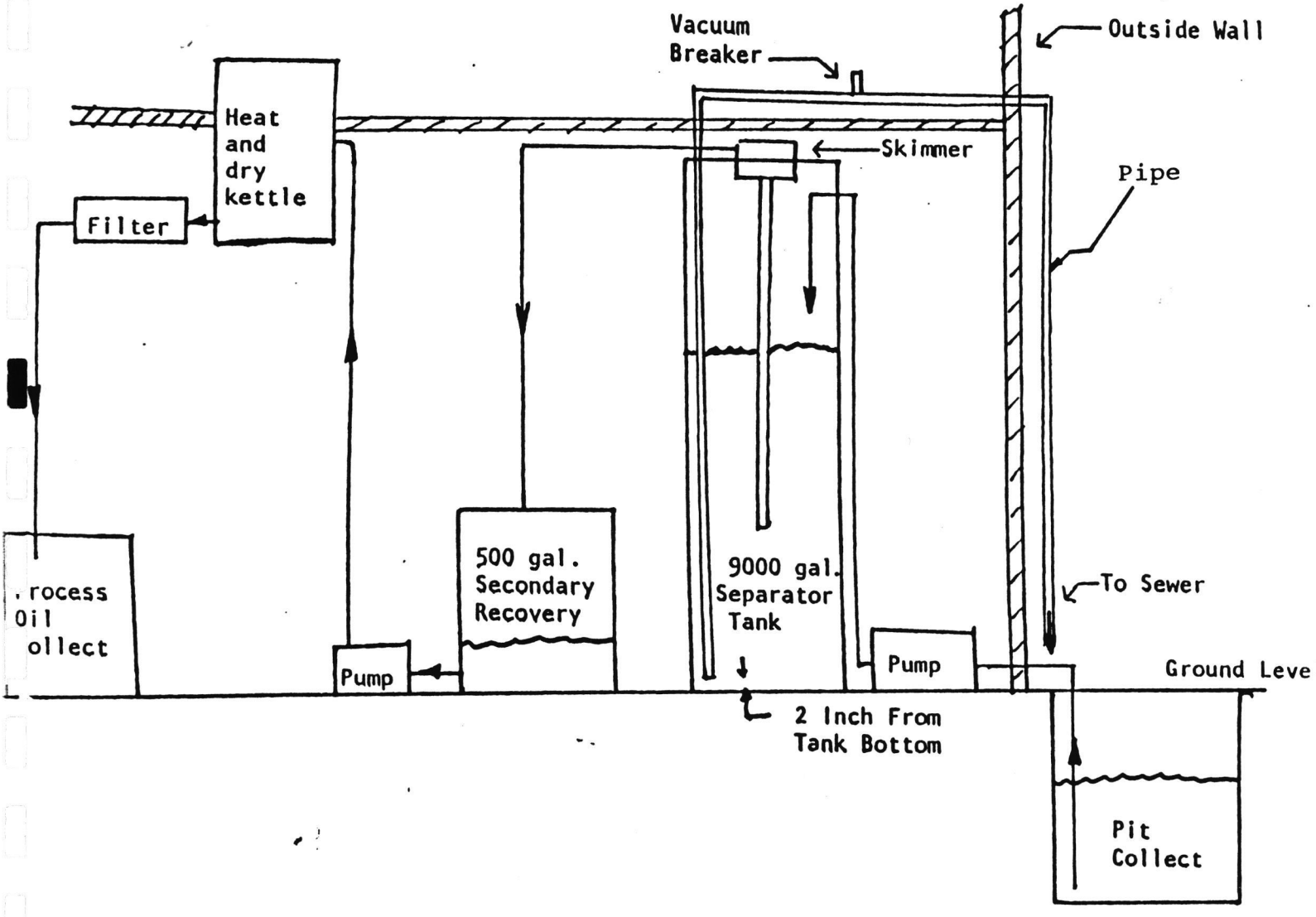
Water and oil mixtures are collected from tank farm, railroad tracks, roof and plant and pumped into 9,000 gal. separator tank with skimmer. Skimmed oil goes into 500 gallon secondary oil recovery tank and then pumped to heating and drying kettle, filtered and collected, tested and reused as process oil. There is a clean water pickup 2" from bottom of separator tank with vacuum breaker which outlets to sewer.



PROTECTED BY QUALITY JESCO LUBRICANTS Lubricants that Last

PRODUCT DATA

Water and oil mixtures are collected from tank farm, railroad tracks, roof and plant and pumped into 9,000 gal. separator tank with skimmer. Skimmed oil goes into 500 gallon secondary oil recovery tank and then pumped to heating and drying kettle, filtered and collected, tested and reused as process oil. There is a clean water pickup 2" from bottom of separator tank with vacuum breaker which outlets to sewer.



CORPORATE HEADQUARTERS: 1437 GENTRY STREET, P.O. BOX 12337, NORTH KANSAS CITY, MO 64116 TELEX: 434339 816-471-4590
MANUFACTURING FACILITY: #1 CRUTCHER INDUSTRIAL PARKWAY, P.O. BOX 308, ROSEDALE, MS 38769 601-759-6808

ATTACHMENT 6B

WASTEWATER MONITORING ANALYSES AND TANK WATER SAMPLE ANALYSES

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205 / FAX 816-471-5196

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 29608

JUNE 4, 1991

Sample of Water, sampled 5-28-91 @ 2:30 PM, GTL received 5-28-91

Lead	<0.05 mg/liter
Oil & Grease	10.9 mg/liter

(1) llk-wpl4

RECEIVED
JUN 04 1991
JESCO RESOURCES, INC.
1437 GENTRY
NO. KANSAS CITY, MO

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

JESCO RESOURCES, INC.
1437 GENTRY ST. • P.O. BOX 12332 • NORTH KANSAS CITY, MISSOURI 64116
(816) 471-4590 • TELEX 43-4339 • FAX 816 471-2240

June 5, 1991

Mr. David R. Weant
Environmental Technical II
Environmental Quality Control Division
2020 Bedford Avenue
North Kansas City, Missouri 64116

Dear Dave:

Enclosed is Jesco Resources, Inc. water analysis monthly report for May 1991. Our next report will be the data for the semi-annual report, which will include the VOC analysis that you waived for May because of modifications to our system in process.

Sincerely,

Sal Fasone

Sal Fasone
Director, Technical Services

SF/bj
Encl.
cc: R. Howell
E. Parker

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

60 Years of Service

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205 / FAX 816-471-5196

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 29126

MAY 10, 1991

Samples of Water, #1 Tank, & #2 Filter System, sampled 4-24-91, GTL received in lab 4-24-91

	#1 TANK	#2 FILTER
Lead	0.06 mg/liter	0.07 mg/liter
Trans-1,2-Dichloroethylene	100 ug/liter	857 ug/liter
1,1,1-Trichloroethane	ND	ND
Trichloroethylene	122 ug/liter	ND
Hexanes	ND	ND
Oil & Grease	404 mg/liter	363 mg/liter

(1) 11k-wp12

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205 / FAX 816-471-5196

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 29126

MAY 10, 1991

Samples of Water, #1 Tank, & #2 Filter System, sampled 4-24-91, GTL received in lab 4-24-91

	#1 TANK	#2 FILTER
Lead	0.06 mg/liter	0.07 mg/liter
Trans-1,2-Dichloroethylene	100 ug/liter	857 ug/liter
1,1,1-Trichloroethane	ND	ND
Trichloroethylene	122 ug/liter	ND
Hexanes	ND	ND
Oil & Grease	404 mg/liter	363 mg/liter

(1) llk-wp12

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205 / FAX 816-471-5196

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 28668-B

MARCH 28, 1991

Samples of Water, Filter System, GTL received in lab 3-21-91

GC/MS FRACTION-VOLATILE COMPOUNDS, DETECTION LIMIT=10 UG/L
ND=NONE DETECTED

15V. trans-1,2-Dichloroethene	500
24V. 1,1,1-Trichloroethane	ND
26V. Trichloroethene	88.8
30V. Hexane	ND

ADDITIONAL ANALYSIS:

Lead	<0.10 mg/L
Oil & Grease	104 mg/L

(1) 11k-wp7

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APR 03 1991
JESCO RESOURCES, INC.
1437 GENTRY
NO. KANSAS CITY, MO

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205 / FAX 816-471-5196

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 28668-A

MARCH 28, 1991

Samples of Water, Water Tank, GTL received in lab 3-21-91

GC/MS FRACTION-VOLATILE COMPOUNDS, DETECTION LIMIT=10 UG/L
ND=NONE DETECTED

15V. trans-1,2-Dichloroethene	440
24V. 1,1,1-Trichloroethane	ND
26V. Trichloroethene	87.2
30V. Hexane	ND

ADDITIONAL ANALYSIS:

Lead	0.12 mg/L
Oil & Grease	10.7 mg/L

(1) llk-wp7

RECEIVED
APR 03 1991
JESCO RESOURCES, INC.
1437 GENTRY
NO. KANSAS CITY, MO.

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

General Testing Laboratories, Inc.

1517 Walnut • Kansas City, MO 64108
Phone: 816-471-1205

INVOICE

No.061371

SHOW ABOVE NUMBER ON REMITTANCE

PLEASE REMIT FROM THIS INVOICE
STATEMENT RENDERED ONLY ON REQUEST

TERMS: NET 30 DAYS FROM INVOICE DATE
2% / MO. CHARGE AFTER 30 DAYS

FEDERAL I.D. NO. 44-0657948

ACCOUNTS PAYABLE
JESCO RESOURCES
1437 GENTRY
N KANSAS CITY, MO 64116

INVOICE DATE 2/08/91 PROJECT NAME Wastewater (3) NKC Semi-Annual, received 12/13-14

P.O. NUMBER WORK ORDERED BY Sal Fasone

GTL PROJECT NO. GTL QUOTE NO. GTL CUSTOMER NO. JESC01

REPORT DATE	REPORT NUMBER	DESCRIPTION	REF. NO.	UNIT PRICE	QTY.	PRICE
1/16	27498	Sampled 12/11				
1/16	27496	Sampled 12/12				
1/16	27555	Sampled 12/14				
		Metals digestion	20700	12	3	$ 36.00
		Lead	20108	12	3	36.00
		Zinc	20118	12	3	36.00
		BOD	20500	22	3	66.00
		VOC	22201	160	3	480.00
		COD	22503	25	3	75.00
		pH	22506	10	3	30.00
		Suspended solids	22510	12	3	36.00
		Total dissolved solids	22511	12	3	36.00
		Oil & grease	22600	25	3	75.00
		Cyanide	22906	25	3	75.00
		Total phosphorus	22911	20	3	60.00
				INVOICE TOTAL		$ 1,041.00

OK to pay
Sal 2/11/91

RECEIVED
FEB 11 1991
JESCO RESOURCES, INC.
1437 GENTRY
NO. KANSAS CITY, MO

CUSTOMER REMITTANCE

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205

GENERAL TESTING LABORATORIES, INC. 1911 1971 60 Years of Service

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 28090

FEBRUARY 8, 1991

Sample of Residue, Boiler deposit, GTL received in lab 2-5-91

Iron ..... 16.2 %

Info to Forker for Insurance Agent.

(1) llk-wpl

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205

GENERAL TESTING LABORATORIES, INC. 60 Years of Service 1931 1991

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 28089

FEBRUARY 14, 1991

Sample of Water, sampled 2-5-91, GTL received in lab 2-5-91

Lead	0.14 mg/liter
Trans-1,2-Dichloroethylene	485 ug/liter
1,1,1-Trichloroethane	<10 ug/liter
Trichloroethylene	157 ug/liter
Hexanes	<10 ug/liter
Oil & Grease	222 mg/liter

RECEIVED
FEB 18 1991
JESCO RESOURCES, INC.
1437 GENTRY
NO. KANSAS CITY. MO

(1) llk-wpl

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205

JESCO RESOURCES
ATTN SAL FASSONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 28089

FEBRUARY 14, 1991

Sample of Water, sampled 2-5-91, GTL received in lab 2-5-91

Lead	0.14 mg/liter
Trans-1,2-Dichloroethylene	485 ug/liter
1,1,1-Trichloroethane	<10 ug/liter
Trichloroethylene	157 ug/liter
Hexanes	<10 ug/liter
Oil & Grease	222 mg/liter

(1) llk-wpl

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

General Testing Laboratories, Inc.

Engineering — Chemical Consultants

1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205

JESCO RESOURCES
ATTN SAL FASONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 27498

JANUARY 16, 1991

Sample of Wastewater, 12-11-90, NKC Semi-Annual, GTL received in lab 12-13-90

Lead	0.07 mg/liter
Zinc	0.19 mg/liter
Biochemical Oxygen Demand	25.0 mg/liter
Chemical Oxygen Demand	340 mg/liter
pH	7.02
Suspended Solids	124 mg/liter
Total Dissolved Solids	230 mg/liter
Oil & Grease	78.5 mg/liter
Cyanide	<0.005 mg/liter
Total Phosphorus	0.06 mg/liter

GENERAL TESTING LABORATORIES, INC.

By Paul Myers

(1) llk-P

General Testing Laboratories, Inc.
Engineering — Chemical Consultants
1517 WALNUT STREET / KANSAS CITY, MISSOURI 64108 / 816-471-1205

GENERAL TESTING LABORATORIES, INC. 60 Years of Service 1931 1991

JESCO RESOURCES
ATTN SAL FASONE
1437 GENTRY
NORTH KANSAS CITY MO 64116

REPORT NO: 27498

RECEIVED
JAN 25 1991
JESCO RESOURCES, INC.
1437 GENTRY
NO KANSAS CITY MO

JANUARY 16, 1991

Sample of Wastewater, 12-11-90, NKC Semi-Annual, GTL received in lab 12-13-90

GC/MS FRACTION-VOLATILE COMPOUNDS, DETECTION LIMIT= 10 UG/L
BDL=BELOW DETECTION LIMIT

1V.	Benzene	BDL
2V.	Bromodichloromethane	BDL
3V.	Bromoform	BDL
4V.	Bromomethane	BDL
5V.	Carbon tetrachloride	BDL
6V.	Chlorobenzene	BDL
7V.	Chloroethane	BDL
8V.	2-Chloroethylvinyl ether	BDL
9V.	Chloroform	BDL
10V.	Chloromethane	BDL
11V.	Dibromochloromethane	BDL
12V.	1,1-Dichloroethane	BDL
13V.	1,2-Dichloroethane	BDL
14V.	1,1-Dichloroethene	BDL
15V.	trans-1,2-Dichloroethene	93.3
16V.	1,2-Dichloropropane	BDL
17V.	cis-1,3-Dichloropropane	BDL
18V.	trans-1,3-Dichloropropane	BDL
19V.	Ethyl benzene	BDL
20V.	Methylene chloride	BDL
21V.	1,1,2,2-Tetrachloroethane	BDL
22V.	Tetrachloroethene	BDL
23V.	Toluene	BDL
24V.	1,1,1-Trichloroethane	BDL
25V.	1,1,2-Trichloroethane	BDL
26V.	Trichloroethene	15.0
27V.	Trichlorofluoromethane	BDL
28V.	Vinyl chloride	BDL
29V.	Xylene	BDL
30V.	HEXANES	BDL
	Surrogate Recovery (AVE)	108 %

ATTACHMENT 6C

COMMUNITY RIGHT-TO-KNOW REPORT

JESCO RESOURCES, INC.
1437 GENTRY ST. • P.O. BOX 12337 • NORTH KANSAS CITY, MISSOURI 64116
(816) 471-4590 • TELEX 43-4339 • FAX 816-471-2240

October 17, 1990

Dr. Robert G. Harmon, M.D.
M.P.H. Director
Missouri Department of Health
Bureau of Environmental Epidemiology
Attention: CRTK - Post Office Box 570
Jefferson City, Missouri 65102

Dear Dr. Harmon:

Attached is Jesco Resources, Inc. Missouri Department of Health "Community Right To Know" completed form MO580-1041, dated October 17, 1990. Jesco has a 2900 SIC classification.

The "DOH" numbers for Toxic Substance products used at Jesco Resources, North Kansas City, Missouri are as follows:

002	200	450	858
004	208	533	860
071	396	750	919
130	437	785	932
140	444	848	

Please note we have requested the Department of Health to use "Chemtox" software package to supply information to agencies requiring Material Safety Data Sheets.

Please contact me if you have any questions relative to this material.

Sincerely,

Sal Fasone

Sal Fasone
Director, Technical Services

SF/bj
Attachments
cc: R. Howell
J. Long (MO ERC)
T. Williams (NKC Fire Marshall)

COMMUNITY RIGHT TO KNOW PROGRAM

EMPLOYER INFORMATION - TOXIC SUBSTANCE

I. EMPLOYER DATA

NAME	TELEPHONE NUMBER
Jesco Resources, Inc.	601-759-6808
ADDRESS (STREET, CITY, STATE, ZIP CODE)	**FEDERAL TAX ID. NO.**
#1 Crutcher Industrial Parkway, Rosedale, MS 38769	44-0300840

INDIVIDUAL(S) TO CONTACT IN EMERGENCIES

Lester A. Parrish, General Manager

II.

DOES THIS WORKPLACE USE OR PRODUCE, IN EXCESS OF 1 KILOGRAM OF A CARCINOGEN AND/OR FIFTY-FIVE (55) GALLONS OF A LIQUID, FIVE HUNDRED (500) POUNDS OF A SOLID OR TWO HUNDRED (200) CUBIC FEET OF A COMPRESSED GAS (STANDARD TEMPERATURE AND PRESSURE) OF OTHER SUBSTANCES LISTED ON THE ATTACHED LIST:

[X] YES [ ] NO

IF "NO" SIGN THE CERTIFICATION BELOW AND MAIL TO RETURN ADDRESS
IF "YES" PLEASE COMPLETE THIS FORM AND MAIL TO RETURN ADDRESS

RETURN ADDRESS ▶ Mississippi Emergency Response Commission
Post Office Box 4501, Fondren Station
Jackson, Mississippi 39216-0501

III.

PLEASE CHECK ALL TOXIC SUBSTANCES USED OR PRODUCED AT THIS WORKPLACE. (SEE ATTACHED). EMPLOYERS SHALL ALSO BE REQUIRED TO PROVIDE MSDS'S OR USE THE CHECK LIST FOR ALL CHEMICALS WHICH HAVE 1% OR MORE OF ANY TOXIC SUBSTANCE ON THE ATTACHED LIST. A MATERIAL SAFETY DATA SHEET (MSDS) MUST BE SUBMITTED TO THE DEPARTMENT OF HEALTH AND THE LOCAL FIRE DEPARTMENT FOR EACH ITEM CHECKED ON THE ATTACHED LIST. IN LIEU OF A MSDS THE EMPLOYER CAN AGREE TO USING THE GENERIC MSDS ON FILE WITH THE DEPARTMENT OF HEALTH. IF THE EMPLOYER AGREES TO THE USE OF THE GENERAL MSDS, THE EMPLOYER MUST SIGN IN THE APPROPRIATE AREA OF THIS FORM.

IV. CERTIFICATION OF COMPANY OFFICIAL

I HEREBY CERTIFY THAT ALL STATEMENTS MADE BY ME ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

SIGNATURE	DATE	TELEPHONE NUMBER
Sal Fasone	10/17/90	816-471-4590
NAME (PLEASE PRINT)	**TITLE**	
Sal Fasone	Director, Technical Services	

V. AGREEMENT TO ACCEPT GENERIC MSDS(S)

I HEREBY AGREE TO ACCEPT THE GENERAL MSDS(S) ON FILE WITH THE DEPARTMENT OF HEALTH.

SIGNATURE	DATE	TELEPHONE NUMBER
Sal Fasone	10/17/90	816-471-4590
NAME (PLEASE PRINT)	**TITLE**	
Sal Fasone	Director, Technical Services	

COMMUNITY RIGHT TO KNOW PROGRAM

EMPLOYER INFORMATION - TOXIC SUBSTANCE

I. EMPLOYER DATA

NAME	TELEPHONE NUMBER
Jesco Resources, Inc.	816-471-4590
ADDRESS (STREET, CITY, STATE, ZIP CODE)	**FEDERAL TAX ID. NO.**
1437 Gentry, Post Office Box 12337 North Kansas City, MO 64116	44-0300840

INDIVIDUAL(S) TO CONTACT IN EMERGENCIES

Richard S. Howell, President
Sal Fasone, Director, Technical Services

II.

DOES THIS WORKPLACE USE OR PRODUCE, IN EXCESS OF 1 KILOGRAM OF A CARCINOGEN AND/OR FIFTY-FIVE (55) GALLONS OF A LIQUID, FIVE HUNDRED (500) POUNDS OF A SOLID OR TWO HUNDRED (200) CUBIC FEET OF A COMPRESSED GAS (STANDARD TEMPERATURE AND PRESSURE) OF OTHER SUBSTANCES LISTED ON THE ATTACHED LIST:

[X] YES [ ] NO

IF "NO" SIGN THE CERTIFICATION BELOW AND MAIL TO RETURN ADDRESS
IF "YES" PLEASE COMPLETE THIS FORM AND MAIL TO RETURN ADDRESS

RETURN ADDRESS ▶ Missouri Department of Health
Bureau of Environmental Epidemiology
Attn: CRTK - Post Office Box 570
Jefferson City, Missouri 65102

III.

PLEASE CHECK ALL TOXIC SUBSTANCES USED OR PRODUCED AT THIS WORKPLACE. (SEE ATTACHED). EMPLOYERS SHALL ALSO BE REQUIRED TO PROVIDE MSDS'S OR USE THE CHECK LIST FOR ALL CHEMICALS WHICH HAVE 1% OR MORE OF ANY TOXIC SUBSTANCE ON THE ATTACHED LIST. A MATERIAL SAFETY DATA SHEET (MSDS) MUST BE SUBMITTED TO THE DEPARTMENT OF HEALTH AND THE LOCAL FIRE DEPARTMENT FOR EACH ITEM CHECKED ON THE ATTACHED LIST. IN LIEU OF A MSDS THE EMPLOYER CAN AGREE TO USING THE GENERIC MSDS ON FILE WITH THE DEPARTMENT OF HEALTH. IF THE EMPLOYER AGREES TO THE USE OF THE GENERAL MSDS, THE EMPLOYER MUST SIGN IN THE APPROPRIATE AREA OF THIS FORM.

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SIGNATURE	DATE	TELEPHONE NUMBER
Sal Fasone	10/17/90	816-471-4590
NAME (PLEASE PRINT)	**TITLE**	
Sal Fasone	Director, Technical Services	

EMPLOYER INFORMATION - TOXIC SUBSTANCE CONTINUED

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
001	75-07-0	☐ ACETALDEHYDE
002	64-19-7	☒ ACETIC ACID
003	108-24-7	☐ ACETIC ANHYDRIDE
004	67-64-1	☐ ACETONE
005	75-05-8	☐ ACETONITRILE
006	74-86-2	☐ ACETYLENE
007		☐ ACETYLENE DICHLORIDE, see 1, 2-DICHLOROETHYLENE
008	79-27-6	☐ ACETYLENE TETRABROMIDE
009	50-78-2	☐ ACETYLSALICYLIC ACID
010	107-02-8	☐ ACROLEIN
011	79-06-1	☐ ACRYLAMIDE
012	79-10-7	☐ ACRYLIC ACID
013	107-13-1	☐ ACRYLONITRILE
014	309-00-2	☐ ALDRIN
015	107-18-6	☐ ALLYL ALCOHOL
016	107-05-1	☐ ALLYL CHLORIDE
017	106-92-3	☐ ALLYL GLYCIDYL ETHER
018	2179-59-1	☐ ALLYL PROPYL DISULFIDE
019	1344-28-1	☐ ALPHA-ALUMINA
020	532-27-4	☐ ALPHA-CHLOROACETOPHENONE
021	86-88-4	☐ ALPHANAPTHYL THIOUREA (ANTU)
022	7429-90-5	☐ ALUMINUM
023	7446-70-0	☐ ALUMINUM CHLORIDE
024	7784-18-1	☐ ALUMINUM FLUORIDE
025	13473-90-0	☐ ALUMINUM NITRATE
026	7784-30-7	☐ ALUMINUM PHOSPHATE
027	20859-73-8	☐ ALUMINUM PHOSPHIDE
028	10043-01-3	☐ ALUMINUM SULFATE
029	92-37-1	☐ 4-AMINODIPHENYL
030		☐ 2-AMINOETHANOL, see ETHANOLAMINE
031	504-29-0	☐ 2-AMINOPYRIDINE
032		☐ 3-AMINO 1, 2, 4-TRIAZOLE, see AMITROL
033	61-82-5	☐ AMITROL
034	7664-41-7	☐ AMMONIA
035	7784-44-3	☐ AMMONIUM ARSENATE
036	1341-49-7	☐ AMMONIUM BIFLUORIDE
037	12125-02-9	☐ AMMONIUM CHLORIDE
038	16919-58-7	☐ AMMONIUM CHLOROPLATINATE
039	52110-72-2	☐ AMMONIUM CHROMATE
040	7789-09-5	☐ AMMONIUM DICHROMATE
041	12125-01-8	☐ AMMONIUM FLUORIDE
042	13826-83-0	☐ AMMONIUM FLUOROBORATE
043	1309-32-6	☐ AMMONIUM FLUOSILICATE
044	13106-76-8	☐ AMMONIUM MOLYBDATE
045	7773-06-0	☐ AMMONIUM SULFAMATE
046	13820-41-2	☐ AMMONIUM TETRACHLOROPLATINATE
047	62-53-3	☐ ANILINE
048	7440-36-0	☐ ANTIMONY
049	58164-88-8	☐ ANTIMONY LACTATE
050	7647-18-9	☐ ANTIMONY PENTACHLORIDE
051	7783-70-2	☐ ANTIMONY PENTAFLUORIDE
052	28300-74-5	☐ ANTIMONY POTASSIUM TARTRATE
053	7789-61-9	☐ ANTIMONY TRIBROMIDE
054	10025-91-9	☐ ANTIMONY TRICHLORIDE
055	7783-56-4	☐ ANTIMONY TRIFLUORIDE
056	1309-64-4	☐ ANTIMONY TRIOXIDE
057	7440-37-1	☐ ARGON
058	7440-38-2	☐ ARSENIC
059	7778-39-4	☐ ARSENIC ACID
060	64973-06-4	☐ ARSENIC BROMIDE
061	37226-49-6	☐ ARSENIC CHLORIDE
062	56320-22-0	☐ ARSENIC DISULFIDE
063	13453-17-3	☐ ARSENIC IODIDE
064	1303-28-2	☐ ARSENIC PENTOXIDE
065	7784-34-1	☐ ARSENIC TRICHLORIDE
066	60646-36-8	☐ ARSENIC TRICHLORIDE
067	1327-53-3	☐ ARSENIC TRIOXIDE
068	1303-33-9	☐ ARSENIC TRISULFIDE
	1344-58-7	☐ URANIUM TRIOXIDE
069	7784-42-1	☐ ARSINE
070	1332-21-4	☐ ASBESTOS
071	8052-42-4	☐ ASPHALT (PETROLEUM DERIVED)
072	1912-24-9	☐ ATRAZINE
073	86-50-0	☐ AZINPHOS-METHYL
074	7440-39-3	☐ BARIUM
075	18810-58-7	☐ BARIUM AZIDE
076	13967-90-3	☐ BARIUM BROMATE
077	13477-00-4	☐ BARIUM CHLORATE
078	542-62-1	☐ BARIUM CYANIDE
079	13477-10-6	☐ BARIUM HYPOCHLORITE
080	10022-31-8	☐ BARIUM NITRATE
081	1304-28-5	☐ BARIUM OXIDE
082	13465-95-7	☐ BARIUM PERCHLORATE
083	7787-36-2	☐ BARIUM PERMANGANATE
084	1304-29-6	☐ BARIUM PEROXIDE
085	17804-35-2	☐ BENOMYL
086	71-43-2	☐ BENZENE
087	108-98-5	☐ BENZENETHIOL
088	92-87-5	☐ BENZIDINE
089		☐ p-BENZOQUINONE, see QUINONE
090	8030-30-6	☐ BENZINE
091	50-32-8	☐ BENZO(A)PYRENE
092	29191-52-4	☐ ANISIDINE
093	94-36-0	☐ BENZOYL PEROXIDE
094	100-44-7	☐ BENZYL CHLORIDE
095	7440-41-7	☐ BERYLLIUM
096	7787-47-7	☐ BERYLLIUM CHLORIDE
097	7787-49-7	☐ BERYLLIUM FLUORIDE
098	13597-99-4	☐ BERYLLIUM NITRATE
099	1304-56-9	☐ BERYLLIUM OXIDE
100	92-93-3	☐ BIPHENYL, 4-NITRO
101	542-88-1	☐ BIS (2-CHLOROMETHYL) ETHER
102	1304-82-1	☐ BISMUTH TELLURIDE
103	16940-66-2	☐ BORATE, TETRASODIUM SALT
104	54566-73-3	☐ BORON OXIDE
105	10294-33-4	☐ BORON TRIBROMIDE
106	7637-07-2	☐ BORON TRIFLUORIDE
107	314-40-9	☐ BROMACIL
108	7726-95-6	☐ BROMINE
109	7789-30-2	☐ BROMINE PENTAFLUORIDE
110		☐ BROMOCHLOROMETHANE, see CHLOROFROMETHANE
111	75-25-2	☐ BROMOFORM
112	106-99-0	☐ 1, 3 BUTADIENE
113	106-97-8	☐ BUTANE

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
114		☐ BUTANETHIOL, see BUTYL MERCAPTAN
115		☐ 2-BUTANONE, see METHYLETHYL KETONE
116	111-76-2	☐ 2-BUTOXY ETHANOL
117	141-32-2	☐ BUTYL ACRYLATE
118	109-73-9	☐ BUTYLAMINE
119	109-79-5	☐ BUTYL MERCAPTAN
120	7440-43-9	☐ CADMIUM
121	543-90-8	☐ CADMIUM ACETATE
122	7789-42-6	☐ CADMIUM BROMIDE
123	10108-64-2	☐ CADMIUM CHLORIDE
124	1306-19-9	☐ CADMIUM OXIDE
125	7778-44-1	☐ CALCIUM ARSENATE
126	52740-16-6	☐ CALCIUM ARSENITE
127	13765-19-0	☐ CALCIUM CHROMATE
128	156-62-7	☐ CALCIUM CYANAMIDE
129	592-01-8	☐ CALCIUM CYANIDE
130	1305-62-0	☒ CALCIUM HYDROXIDE
131	1305-78-8	☐ CALCIUM OXIDE
132	14019-91-1	☐ CALCIUM SELENATE
133	1344-95-2	☐ CALCIUM SILICATE
134	76-22-2	☐ CAMPHOR
135	105-60-2	☐ CAPROLACTAM
136	2425-06-1	☐ CAPTAFOL
137	133-06-2	☐ CAPTAN
138	63-25-2	☐ CARBARYL
139	1563-66-2	☐ CARBOFURAN
140	1333-86-4	☒ CARBON BLACK
141	124-38-9	☐ CARBON DIOXIDE
142	75-15-0	☐ CARBON DISULFIDE
143	630-08-0	☐ CARBON MONOXIDE
144	553-13-4	☐ CARBON TETRABROMIDE
145	56-23-5	☐ CARBON TETRACHLORIDE
146		☐ CARBONYL CHLORIDE, see PHOSGENE
147	353-50-4	☐ CARBONYL FLUORIDE
148	120-80-9	☐ CATECHOL
149	9004-34-6	☐ CELLULOSE (PAPER FIBER)
150	21351-79-1	☐ CESIUM HYDROXIDE
151	133-90-4	☐ CHLORAMBEN
152	57-74-9	☐ CHLORDANE
153	8001-35-2	☐ CHLORINATED CAMPHENE
154	51289-10-2	☐ CHLORINATED DIPHENYL OXIDE
155	7782-50-5	☐ CHLORINE
156	10049-04-4	☐ CHLORINE DIOXIDE
157	7790-91-2	☐ CHLORINE TRIFLUORIDE
158	107-20-0	☐ CHLOROACETALDEHYDE
159	79-04-9	☐ CHLOROACETYL CHLORIDE
160	108-90-7	☐ CHLOROBENZENE
161	74-97-5	☐ CHLOROBROMOETHANE
162		☐ 2-CHLORO 1, 3-BUTADIENE, see CHLOROPRENE
163	75-45-6	☐ CHLORODIFLUOROMETHANE
164		☐ 1-CHLORO, 2, 3-EPOXY PROPANE, see EPICHLOROHYDRIN
165		☐ 2-CHLOROETHANOL, see ETHYLENE CHLOROHYDRIN
166		☐ CHLOROETHYLENE, see VINYL CHLORIDE
167	67-66-3	☐ CHLOROFORM
168	107-30-2	☐ CHLOROMETHYL METHYL ETHER
169	600-25-9	☐ 1-CHLORO 1-NITROPROPANE
170	76-15-3	☐ CHLOROPENTAFLUOROETHANE
171	76-06-2	☐ CHLOROPICRIN
172	126-99-8	☐ CHLOROPRENE
173		☐ 2-CHLORO 6(TRICHLOROMETHYL) PYRIDINE, see NITRAPYRIN
174	2921-88-2	☐ CHLORPYRIFOS
175	1066-30-4	☐ CHROMIC ACETATE
176	13530-68-2	☐ CHROMIC ACID
177	7788-97-8	☐ CHROMIC FLUORIDE
178	10101-53-8	☐ CHROMIC SULFATE
179	7440-47-3	☐ CHROMIUM
180	22541-79-3	☐ CHROMIUM (II)
181	1308-38-9	☐ CHROMIUM (III) OXIDE (2:3)
182	13548-38-4	☐ CHROMIUM NITRATE
183	14977-61-8	☐ CHROMIUM OXYCHLORIDE
184	1333-82-0	☐ CHROMIUM (VI) OXIDE (1:3)
185	64093-79-4	☐ CHROMOSULFURIC ACID
186	15005-90-0	☐ CHROMOSULFURIC ACID
187	10049-05-5	☐ CHROMOUS CHLORIDE
188	14977-61-8	☐ CHROMYLCHLORIDE
189	218-01-9	☐ CHRYSENE
190	2971-90-6	☐ CLOPIDOL
191		☐ COAL DUST
192	8001-58-9	☐ COAL TAR CREOSOTE
193	65996-79-4	☐ COAL TAR NAPHTHA
194		☐ COAL TAR PITCH VOLATILES
195	7440-48-4	☐ COBALT
196	37264-96-3	☐ COBALT CARBONYL
197	16842-03-8	☐ COBALT HYDROCARBONYL
198	61789-51-3	☐ COBALT NAPTHENATE
199	544-18-3	☐ COBALTOUS FORMATE
200	7440-50-8	☐ COPPER
201	12002-03-8	☐ COPPER ACETOARSENITE
202	33382-64-8	☐ COPPER ARSENITE
203	26506-47-8	☐ COPPER CHLORATE
204	1344-67-8	☐ COPPER CHLORIDE
205	39377-49-6	☐ COPPER CYANIDE
206		☐ COTTON FIBER AS RAW COTTON
207		☐ CRAG HERBICIDE
208	1319-77-3	☐ CRESYLIC ACID
209	123-73-9	☐ CROTONALDEHYDE
210	299-86-5	☐ CRUFOMATE
211	98-82-8	☐ CUMENE
212	142-71-2	☐ CUPRIC ACETATE
213	3251-23-8	☐ CUPRIC NITRATE
214	7057-72-9	☐ CUPRIC OXALATE
215	7758-98-7	☐ CUPRIC SULFATE
216	815-82-7	☐ CUPRIC TARTRATE
217	13426-91-0	☐ CUPRIETHYLENEDIAMINE
218	420-04-2	☐ CYANAMIDE
219	57-12-5	☐ CYANIDE
220	460-19-5	☐ CYANOGEN
221	506-77-4	☐ CYANOGEN CHLORIDE
222	110-82-7	☐ CYCLOHEXANE
223	108-93-0	☐ CYCLOHEXANOL
224	108-94-1	☐ CYCLOHEXANONE
225	110-83-8	☐ CYCLOHEXENE
226	108-91-3	☐ CYCLOHEXYLAMINE
227	121-82-4	☐ CYCLONITE

EMPLOYER INFORMATION - TOXIC SUBSTANCE CONTINUED

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
228	542-92-7	☐ CYCLOPENTADIENE
229	287-92-3	☐ CYCLOPENTANE
230	13121-70-5	☐ CYHEXATIN
231	94-75-7	☐ 2, 4-D
232	50-29-3	☐ DDT (DICHLORODIPHENYL-TRICHLOROETHANE)
233		☐ DDVP
234	17702-41-9	☐ DECABORANE
235	8065-48-3	☐ DEMETON
236	123-42-2	☐ DIACETONE ALCOHOL
237		☐ 1, 2-DIAMINOETHANE, see ETHYLENEDIAMINE
238	333-41-5	☐ DIAZINON
239	334-88-3	☐ DIAZOMETHANE
240	19287-45-7	☐ DIBORANE
241		☐ 1, 2-DIBROMOETHANE, see ETHYLENE DIBROMIDE
242	107-66-4	☐ DIBUTYL PHOSPHATE
243	7572-29-4	☐ DICHLOROACETYLENE
244	95-50-1	☐ 1, 2-DICHLOROBENZENE
245	106-46-7	☐ 1, 4-DICHLOROBENZENE
246	91-94-1	☐ 3, 3'-DICHLOROBENZIDINE
247	75-71-8	☐ DICHLORODIFLUOROMETHANE
248	118-52-5	☐ 1, 3-DICHLORO-5, 5-DIMETHYL HYDANTOIN
249	75-34-3	☐ 1, 1-DICHLOROETHANE
250	107-06-2	☐ 1, 2-DICHLOROETHANE
251		☐ 1, 1-DICHLOROETHYLENE, see VINYLIDENE CHLORIDE
252	540-59-0	☐ 1, 2-DICHLOROETHYLENE
253	111-44-4	☐ DICHLOROETHYL ETHER
254	75-43-4	☐ DICHLOROFLUOROMETHANE
255		☐ DICHLOROMETHANE, see METHYLENE CHLORIDE
256	594-72-9	☐ 1, 1-DICHLORO-1-NITROETHANE
257	78-87-5	☐ 1, 2-DICHLOROPROPANE
258	542-75-6	☐ 1, 3-DICHLOROPROPENE
259	75-99-0	☐ 2, 2-DICHLOROPROPIONIC ACID
260	1320-37-2	☐ DICHLOROTETRAFLUOROETHANE
261	62-73-7	☐ DICHLORVOS
262	141-66-2	☐ DICROTOPHOS
263	77-73-6	☐ DICYCLOPENTADIENE
264	102-54-5	☐ DICYCLOPENTADIENYL IRON
265	60-57-1	☐ DIELDRIN
266	111-42-2	☐ DIETHANOLAMINE
267	96-10-6	☐ DIETHYLALUMINUM CHLORIDE
268	109-89-7	☐ DIETHYLAMINE
269	100-37-8	☐ DIETHYLAMINOETHANOL
270	111-40-0	☐ DIETHYLENE TRIAMINE
271	60-29-7	☐ DIETHYL ETHER
272		☐ DI-2-ETHYLHEXYLPHTHALATE, see DI-SEC. OCTYL PHTHALATE
273	96-22-0	☐ DIETHYL KETONE
274	84-66-2	☐ DIETHYL PHTHALATE
275	75-61-6	☐ DIFLUORODIBROMOMETHANE
276	2238-07-5	☐ DIGLYCIDYL ETHER
277		☐ DIHYDROXYBENZENE, see HYDROQUINON
278	108-83-8	☐ DIISOBUTYL KETONE
279	108-18-9	☐ DI-ISOPROPYLAMINE
280		☐ DIMETHOXYMETHANE, see METHYLAL
281	127-19-5	☐ DIMETHYL ACETAMIDE
282	124-40-3	☐ DIMETHYLAMINE
283		☐ DIMETHYLAMINOBENZENE, see XYLIDENE
284	121-69-7	☐ DIMETHYLANILINE
285		☐ DIMETHYLBENZENE, see XYLENE
286	79-44-7	☐ DIMETHYLCARBAMOYL CHLORIDE
287	300-76-5	☐ DIMETHYL 1, 2-DIBROMO-2, 2-DICHLOROETHYL PHOSPHATE (NALED)
288	68-12-2	☐ DIMETHYLFORMAMIDE
289	108-83-8	☐ 2, 6-DIMETHYLHEPTANONE
290	57-14-7	☐ 1, 1-DIMETHYLHYDRAZINE
291		☐ DIMETHYLNITROSOAMINE, see N-NITROSODIMETHYLAMINE
292	131-11-3	☐ DIMETHYL PHTHALATE
293	77-78-1	☐ DIMETHYL SULFATE
294	84-74-2	☐ DI-N-BUTYL PHTHALATE
295	148-01-6	☐ DINITOLMIDE
296	25154-54-5	☐ DINITROBENZENE
297	534-52-1	☐ 4, 6-DINITRO-O-CRESOL
298		☐ 3, 5-DINITRO-O-TOLUAMIDE, see DINITOLMIDE
299	121-14-2	☐ 2,4-DINITROTOLUENE
300	606-20-2	☐ 2, 6-DINITROTOLUENE
301	123-91-1	☐ 1, 4-DIOXANE
302	78-34-2	☐ DIOXATHION
303	92-52-4	☐ DIPHENYL
304	122-39-4	☐ DIPHENYLAMINE
305	712-48-1	☐ DIPHENYLCHLOROARSINE
306		☐ DIPHENYLMETHANE DIISOCYANATE, see METHYLENE BISPHENYL ISOCYANATE
307	12002-25-4	☐ DIPROPYLENE GLYCOL METHYL ETHER
308	123-19-3	☐ DIPROPYL KETONE
309	85-00-7	☐ DIQUAT
310	117-81-7	☐ DI-SEC. OCTYL PHTHALATE
311	97-77-8	☐ DISULFIRAM
312	298-04-4	☐ DISULFOTON
313	128-37-0	☐ 2, 6-DI-TERT-BUTYL-P-CRESOL
314	330-54-1	☐ DIURON
315	1321-74-0	☐ DIVINYL BENZENE
316	112-62-9	☐ EMERY
317	115-29-7	☐ ENDOSULFAN
318	72-20-8	☐ ENDRIN
319	106-89-8	☐ EPICHLOROHYDRIN
320	2104-64-5	☐ EPN
321		☐ 1, 2-EPOXYPROPANE, see PROPYLENE OXIDE
322	556-52-5	☐ 2, 3-EPOXY-1-PROPANOL (GLYCIDOL)
323	74-84-0	☐ ETHANE
324		☐ ETHANETHIOL, see ETHYL MERCAPTON
325		☐ ETHANOL, see ETHYL ALCOHOL
326	141-43-5	☐ ETHANOLAMINE
327	563-12-2	☐ ETHION
328	110-80-5	☐ 2-ETHOXYETHANOL
329	111-15-9	☐ 2-ETHOXYETHYLACETATE
330	141-78-6	☐ ETHYL ACETATE
331	140-88-5	☐ ETHYL ACRYLATE
332	64-17-5	☐ ETHYL ALCOHOL
333	75-04-7	☐ ETHYLAMINE
334	106-68-3	☐ ETHYL AMYL KETONE
335	100-41-4	☐ ETHYL BENZENE
336	74-96-4	☐ ETHYL BROMIDE
337	106-35-4	☐ ETHYL BUTYL KETONE
338	75-00-3	☐ ETHYL CHLORIDE
339	598-14-1	☐ ETHYL DICHLOROARSINE

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE	DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
340	60-29-7	☐ ETHYL ETHER	394	556-52-5	☐ GLYCIDOL
341	74-85-1	☐ ETHYLENE	395		☐ GLYCOL MONOETHYL ETHER, (see 2-Ethoxyethanol)
342	107-07-3	☐ ETHYLENE CHLOROHYDRIN	396	7782-42-5	☒ GRAPHITE (Natural)
343	107-15-3	☐ ETHYLENEDIAMINE	397		☐ GRAPHITE (Synthetic)
344	106-93-4	☐ ETHYLENE DIBROMIDE (1, 2-DIBROMOETHANE)	398	86-50-0	☐ GUTHION
345	107-06-2	☐ ETHYLENE DICHLORIDE	399	10101-4-4	☐ GYPSUM
346	107-21-1	☐ ETHYLENE GLYCOL	400	7440-58-6	☐ HAFNIUM
347	628-96-6	☐ ETHYLENE GLYCOL DINITRATE	401	7440-59-7	☐ HELIUM
348		☐ ETHYLENE GLYCOL METHYL ETHER ACETATE, see 2-METHOXYETHYL ACETATE	402	680-31-9	☐ HEMPA
			403	76-44-8	☐ HEPTACHLOR
349		☐ ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE, see METHYL CELLOSOLVE ACETATE	404		☐ 2-HEPTANONE, (see Methyl n-amyl Ketone)
			405		☐ 3-HEPTANONE, (see Ethyl butyl Ketone)
350	151-56-4	☐ ETHYLENEIMINE	406	87-68-3	☐ HEXACHLOROBUTADIENE
351	75-21-8	☐ ETHYLENE OXIDE	407	77-47-4	☐ HEXACHLOROCYCLOPENTADIENE
352	109-94-4	☐ ETHYL FORMATE	408	67-72-1	☐ HEXACHLOROETHANE
353	16219-75-3	☐ ETHYLIDENE NORBORNENE	409	1335-87-1	☐ HEXACHLORONAPHTHALENE
354	75-08-1	☐ ETHYL MERCAPTAN	410	684-16-2	☐ HEXAFLUOROACETONE
355	107-27-7	☐ ETHYLMERCURIC CHLORIDE	411	16940-81-1	☐ HEXAFLUOROPHOSPHORIC ACID
356	2235-25-8	☐ ETHYLMERCURIC PHOSPHATE	412	680-31-9	☐ HEXAMETHYL PHOSPHORAMIDE
357	11099-06-2	☐ ETHYL SILICATE	413	107-41-5	☐ HEXYLENE GLYCOL
358	22224-92-6	☐ FENAMIPHOS	414	302-01-2	☐ HYDRAZINE
359	115-90-2	☐ FENSULFOTHION	415	1333-74-0	☐ HYDROGEN
360	55-38-9	☐ FENTHION	416	61788-32-7	☐ HYDROGENATED TERPHENYLS
361	14484-64-1	☐ FERBAM	417	10035-10-6	☐ HYDROGEN BROMIDE
362	1185-57-5	☐ FERRIC AMMONIUM CITRATE	418	7647-01-0	☐ HYDROGEN CHLORIDE
363	14221-47-7	☐ FERRIC AMMONIUM OXALATE	419	74-90-8	☐ HYDROGEN CYANIDE
364	10102-49-5	☐ FERRIC ARSENATE	420	7664-39-3	☐ HYDROGEN FLUORIDE
365	63989-69-5	☐ FERRIC ARSENITE	421	7722-84-1	☐ HYDROGEN PEROXIDE
366	7705-08-0	☐ FERRIC CHLORIDE	422	7783-07-5	☐ HYDROGEN SELENIDE
367	7783-50-8	☐ FERRIC FLUORIDE	423	7783-06-4	☐ HYDROGEN SULFIDE
368	10421-48-4	☐ FERRIC NITRATE	424	123-31-9	☐ HYDROQUINONE
369	10028-22-5	☐ FERRIC SULFATE	425		☐ 4-HYDROXY-4-METHYL-2-PENTANONE (see Diacetone alcohol)
370	10045-89-3	☐ FERROUS AMMONIUM SULFATE			
371	10102-50-8	☐ FERROUS ARSENATE	426	999-61-1	☐ 2-HYDROXYPROPYL ACRYLATE
372	7758-94-3	☐ FERROUS CHLORIDE	427	95-13-6	☐ INDENE
373	7720-78-7	☐ FERROUS SULFATE	428	7440-74-6	☐ INDIUM
374	12604-58-9	☐ FERROVANDIUM	429	7553-56-2	☐ IODINE
375		☐ FIBROUS GLASS	430	75-47-8	☐ IODOFORM
376	16872-11-0	☐ FLUOBORIC ACID	431	12040-57-2	☐ IRON CHLORIDE
377	16984-48-8	☐ FLUORIDE	432	1309-37-1	☐ IRON OXIDE FUME
378	7782-41-4	☐ FLUORINE	433	13463-40-6	☐ IRON PENTACARBONYL
379	144-49-9	☐ FLUOROACETIC ACID	434	123-92-2	☐ ISOAMYL ACETATE
380	13478-20-1	☐ FLUOROPHOSPHORIC ACID	435	123-51-3	☐ ISOAMYL ALCOHOL
381	25496-08-6	☐ FLUOROTOLUENE	436	110-19-0	☐ ISOBUTYL ACETATE
382		☐ FLUOROTRICHLOROMETHANE, see TRICHLOROFLUOROMETHANE	437	78-83-1	☐ ISOBUTYL ALCOHOL
			438	26952-21-6	☐ ISOOCTYL ALCOHOL
383	16961-83-4	☐ FLUOSILICIC ACID	439	78-59-1	☐ ISOPHORONE
384	944-22-9	☐ FONOFOS	440	4098-71-9	☐ ISOPHORONE DIISOCYANATE
385	50-00-0	☐ FORMALDEHYDE	441	98-83-9	☐ ISOPROPENYL BENZENE
386	75-12-7	☐ FORMAMIDE	442	109-59-1	☐ ISOPROPOXYETHANOL
387	64-18-6	☐ FORMIC ACID	443	108-21-4	☐ ISOPROPYL ACETATE
388	98-01-1	☐ FURFURAL	444	67-63-0	☒ ISOPROPYL ALCOHOL
389	98-00-0	☐ FURFURYL ALCOHOL	445	75-31-0	☐ ISOPROPYLAMINE
390	8006-61-9	☐ GASOLINE	446	108-20-3	☐ ISOPROPYL ETHER
391	7782-65-2	☐ GERMANIUM HYDRIDE	447	4016-14-2	☐ ISOPROPYL GLYCIDYL ETHER
392	111-30-8	☐ GLUTARALDEHYDE	448		☐ KAOLIN
393	56-81-5	☐ GLYCERIN MIST	449	463-51-4	☐ KETENE

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
563	624-83-9	☐ METHYL ISOCYANATE
564	563-80-4	☐ METHYL ISOPROPYL KETONE
565	74-93-1	☐ METHYL MERCAPTAN
566	502-39-6	☐ METHYL MERCURY DICYANDIAMIDE
567	80-62-6	☐ METHYL METHACRYLATE
568	110-43-0	☐ METHYL (N-AMYL) KETONE
569	591-78-6	☐ METHYL N-BUTYL KETONE
570	681-84-5	☐ METHYL ORTHOSILICATE
571	298-00-0	☐ METHYL PARATHION
572	107-87-9	☐ METHYL PROPYL KETONE
573	681-84-5	☐ METHYL SILICATE
574	98-83-9	☐ METHYL STYRENE
575	21087-64-9	☐ METRIBUZIN
576	7786-34-7	☐ MEVINPHOS
577	7439-98-7	☐ MOLYBDENUM
578	1317-33-5	☐ MOLYBDENUM (IV) SULFIDE
579	10241-05-1	☐ MOLYBDENUM PENTACHLORIDE
580	1313-27-5	☐ MOLYBDENUM TRIOXIDE
581		☐ MONOCHLOROBENZENE, (see Chlorobenzene)
582	6923-22-4	☐ MONOCROTOPHOS
583	13537-32-1	☐ MONOFLUOROPHOSPHORIC ACID
584	110-91-8	☐ MORPHOLINE
585	626-17-5	☐ M-PHTHALODINITRILE
586	1477-55-0	☐ M-XYLENE A, A'-DIAMINE
587	300-76-5	☐ NALED
588	628-63-7	☐ N-AMYL ACETATE
589	91-20-3	☐ NAPHTHALENE
590	91-59-8	☐ 2-NAPHTHYLAMINE
591	123-86-4	☐ N-BUTYL ACETATE
592	71-36-3	☐ N-BUTYL ALCOHOL
593	2426-08-6	☐ N-BUTYL GLYCIDYL ETHER
594	138-22-7	☐ N-BUTYL LACTATE
595	102-81-8	☐ 2-N-DIBUTYLAMINOETHANOL
596	7440-01-9	☐ NEON
597	517-16-8	☐ N-(ETHYLMERCURIC) P-TOLUENESULPHONANILIDE
598	100-74-3	☐ N-ETHYLMORPHOLINE
599	142-82-5	☐ N-HEPTANE
600	110-54-3	☐ N-HEXANE
601	7440-02-0	☐ NICKEL
602	15699-18-0	☐ NICKEL AMMONIUM SULFATE
603	12612-55-4	☐ NICKEL CARBONYL
604	37211-05-5	☐ NICKEL CHLORIDE
605	13138-45-9	☐ NICKEL NITRATE
606	7786-81-4	☐ NICKEL SULFATE
607	54-11-5	☐ NICOTINE
608	643-28-7	☐ N-ISOPROPYLANILINE
609	1929-82-4	☐ NITRAPYRIN
610	7697-37-2	☐ NITRIC ACID
611	10102-43-9	☐ NITRIC OXIDE
612	98-95-3	☐ NITROBENZENE
613	98-46-4	☐ 3-NITROBENZOTRIFLUORIDE
614	9004-70-0	☐ NITROCELLULOSE
615	92-93-3	☐ 4-NITRODIPHENYL
616	79-24-3	☐ NITROETHANE
617	10102-44-0	☐ NITROGEN DIOXIDE
618	7783-54-2	☐ NITROGEN TRIFLUORIDE
619	55-63-0	☐ NITROGLYCERIN
620	75-52-5	☐ NITROMETHANE
621	79-46-9	☐ 2-NITROPROPANE
622	108-03-2	☐ 1-NITROPROPANE
623	1321-12-6	☐ NITROTOLUENE
624	62-75-9	☐ N-NITROSODIMETHYLAMINE
625		☐ NITROTRICHLOROMETHANE, (see Chloropicrin)
626	111-84-2	☐ NONANE
627	135-88-6	☐ N-PHENYL-BETA NAPHTHYLAMINE
628	109-60-4	☐ N-PROPYL ACETATE
629	627-13-4	☐ N-PROPYL NITRATE
630	90-04-0	☐ O-ANISIDINE
631	2698-41-1	☐ O-CHLOROBENZYLIDENE MALONONITRILE
632	2039-87-4	☐ O-CHLOROSTYRENE
633	95-49-8	☐ O-CHLOROTOLUENE
634	95-48-7	☐ O-CRESOL
635	2234-13-1	☐ OCTACHLORONAPHTHALENE
636	111-65-9	☐ OCTANE
637		☐ OIL MIST, MINERAL
638	583-60-8	☐ O-METHYLCYCLOHEXANONE
639	89-72-5	☐ O-SEC-BUTYLPHENOL
640	20816-12-0	☐ OSMIUM TETROXIDE
641	95-53-4	☐ O-TOLUIDINE
642	144-62-7	☐ OXALIC ACID
643	1120-71-4	☐ 1, 2-OXATHIOLANE 2, 2-DIOXIDE
644	7783-41-7	☐ OXYGEN DIFLUORIDE
645	10028-15-6	☐ OZONE
646	8002-74-2	☐ PARAFFIN WAX
647	4685-14-7	☐ PARAQUAT
648	56-38-2	☐ PARATHION
649	106-51-4	☐ P-BENZOQUINONE
650	53469-21-9	☐ PCB-1242 (CHLORODIPHENYL (42% CL))
651	11097-69-1	☐ PCB-1254 (CHLORODIPHENYL 54% C.))
652	106-44-5	☐ P-CRESOL
653	19624-22-7	☐ PENTABORANE
654	1321-64-8	☐ PENTACHLORONAPHTHALENE
655	87-86-5	☐ PENTACHLOROPHENOL
656	115-77-5	☐ PENTAERYTHRITOL
657	109-66-0	☐ PENTANE
658		☐ 2-PENTANONE, (see Methyl propyl Ketone)
659	127-18-4	☐ PERCHLOROETHYLENE
660	594-42-3	☐ PERCHLOROMETHYL MERCAPTAN
661	7616-94-6	☐ PERCHLORYL FLUORIDE
662		☐ PHENACYL CHLORIDE, (see Chloroacetophenone)
663	108-95-2	☐ PHENOL
664	92-84-2	☐ PHENOTHIAZINE
665	696-28-6	☐ PHENYLDICHLOROARSINE
666	101-84-8	☐ PHENYL ETHER
667		☐ PHENYLETHYLENE, (see Styrene)
668	122-60-1	☐ PHENYL GLYCIDYL ETHER
669	100-63-0	☐ PHENYLHYDRAZINE
670	108-98-5	☐ PHENYL MERCAPTAN
671	62-38-4	☐ PHENYLMERCURIC ACETATE
672	100-57-2	☐ PHENYLMERCURIC HYDROXIDE
673	55-68-5	☐ PHENYLMERCURIC NITRATE
674	638-21-1	☐ PHENYLPHOSPHINE
675	298-02-2	☐ PHORATE
676	7786-34-7	☐ PHOSDRIN

...M	CAS NO.	(✓) TOXIC SUBSTANCE
...7	75 44 5	☐ PHOSGENE
678	7803-51-2	☐ PHOSPHINE
9	7664 38 2	☐ PHOSPHORIC ACID
0	10025 87 3	☐ PHOSPHORUS OXYCHLORIDE
681	10026-13-8	☐ PHOSPHORUS PENTACHLORIDE
12	7647-19 0	☐ PHOSPHORUS PENTA FLUORIDE
13	1314 80 3	☐ PHOSPHORUS PENTASULFIDE
684	7719 12 2	☐ PHOSPHORUS TRICHLORIDE
35	7783 55 3	☐ PHOSPHORUS TRIFLUORIDE
36	7723 14 0	☐ PHOSPHORUS (YELLOW)
687	85 44 9	☐ PHTHALIC ANHYDRIDE
688	1918 02 1	☐ PICLORAM
89	88 89 1	☐ PICRIC ACID
90	83 26 1	☐ PINDONE
691	142 64 3	☐ PIPERAZINE DIHYDROCHLORIDE
92	83 26 1	☐ PIVAL
93		☐ PLASTER OF PARIS
694	7440 06 4	☐ PLATINUM
695	100 01 6	☐ P-NITROANILINE
696	100 00 5	☐ P-NITROCHLOROBENZENE
697		☐ PROTLAND CEMENT
698	7784 41 0	☐ POTASSIUM ARSENATE
699	10124 50 2	☐ POTASSIUM ARSENITE
700	7789 00 6	☐ POTASSIUM CHROMATE
701	151 50 8	☐ POTASSIUM CYANIDE
702	7778 50 9	☐ POTASSIUM DICHROMATE
703	7789 23 3	☐ POTASSIUM FLUORIDE
704	23745 86 0	☐ POTASSIUM FLUOROACETATE
705	16921 30 5	☐ POTASSIUM HEXACHLOROPLATINATE
706	7789 29 9	☐ POTASSIUM HYDROGEN FLUORIDE
707	1310 58 3	☐ POTASSIUM HYDROXIDE
708	16871 90 2	☐ POTASSIUM SILICOFLUORIDE
709	10025 99 7	☐ POTASSIUM TETRACHLOROPLATINATE
710	106 50 3	☐ P PHENYLENE DIAMINE
711	74 98 6	☐ PROPANE
712	1120 71 4	☐ PROPANE SULTONE
713	107 19 7	☐ PROPARGYL ALCOHOL
714	79 09 4	☐ PROPIONIC ACID
716	114 26 1	☐ PROPOXUR
717	71 23 8	☐ PROPYL ALCOHOL
718	115 07 1	☐ PROPYLENE
719	78 87 5	☐ PROPYLENE DICHLORIDE
720	6423 43 4	☐ PROPYLENE CLYCOL DINITRATE
721	107 98 2	☐ PROPYLENE GLYCOL MONOMETHYL ETHER
722	75 55 8	☐ PROPYLENE IMINE
723	75 56 9	☐ PROPYLENE OXIDE
724	98 51 1	☐ P-TERT-BUTYLTOLUENE
725		☐ PROPYNE, (see Methyl acetylene)
726	8003 34 7	☐ PYRETHRUM
727	110 86 1	☐ PYRIDINE
728		☐ PYROCATECHOL, (see Catechol)
729	106 51 4	☐ QUINONE
730		☐ RDX, (see Cyclonite)
731	108 46 3	☐ RESORCINOL
732	7440 16 6	☐ RHODIUM
733	10049 07 7	☐ RHODIUM TRICHLORIDE
734	299 84 3	☐ RONNEL
735	83-79-4	☐ ROTENONE
736		☐ ROUGE
737	626 38 0	☐ SEC AMYL ACETATE
738	105 46 4	☐ SEC BUTYL ACETATE
739	78 92 2	☐ SEC BUTYL ALCOHOL
740	5953 49 1	☐ SEC HEXYL ACETATE
741	7783 08 6	☐ SELENIC ACID
742	7782 49 2	☐ SELENIUM
743	7488 56 4	☐ SELENIUM DISULFIDE
744	7783 79 1	☐ SELENIUM HEXAFLUORIDE
745	12640 89 0	☐ SELENIUM OXIDE
746	7791 23 3	☐ SELENIUM OXYCHLORIDE
747	56093 45 9	☐ SELENIUM SULFIDE
748	136 78 7	☐ SESONE
749		☐ SILANE (see Silicon Tetrahydride)
750	7631 86 9	☐ SILICA, AMORPHOUS
751	60676 86 0	☐ SILICA, AMORPHOUS
752	14464 46 1	☐ SILICA, CRISTOBALITE
753	409 21 2	☐ SILICA, GRAPHITE
754	12001 26 2	☐ SILICA, MICA
755	14808 60 7	☐ SILICA, QUARTZ
756	65997 15 1	☐ SILICATE, PORTLAND CEMENT
757		☐ SILICATE, SOAPSTONE
758	15468 32 3	☐ SILICA, TRIDYMITE
759	1317 95 9	☐ SILICA, TRIPOLI
760	39630 75 6	☐ SILICOFLUORIC ACID
761	7440 21 3	☐ SILICON
762	7803 62 5	☐ SILICON TETRAHYDRIDE
763	7440 22 4	☐ SILVER
764	7784 08 9	☐ SILVER ARSENITE
765	7761 88 8	☐ SILVER NITRATE
766	146 84 9	☐ SILVER PICRATE
767	15096 52 3	☐ SODIUM ALUMINUM FLUORIDE
768	13770 96 2	☐ SODIUM ALUMINUM HYDRIDE
769	11110 52 4	☐ SODIUM AMALGAM
770	127 85 5	☐ SODIUM ARSANILATE
771	7631 89 2	☐ SODIUM ARSENATE
772	7784 46 5	☐ SODIUM ARSENITE
773	26628 22 8	☐ SODIUM AZIDE
774	7631 90 5	☐ SODIUM BISULFITE
775	124 65 2	☐ SODIUM CACODYLATE
776	7775 09 9	☐ SODIUM CHLORATE
777	1307 82 0	☐ SODIUM CHLOROPLATINATE
778	7775 11 3	☐ SODIUM CHROMATE
779	143 33 9	☐ SODIUM CYANIDE
780	10588 01 9	☐ SODIUM DICHROMATE
781	7681 49 4	☐ SODIUM FLUORIDE
782	62 74 8	☐ SODIUM FLUOROACETATE
783	16893 85 9	☐ SODIUM FLUOROSILICATE
784	1333 83 1	☐ SODIUM HYDROGEN FLUORIDE
785	1310 73 2	☒ SODIUM HYDROXIDE
786	7681 57 4	☐ SODIUM METABISULFITE
787	13410 01 0	☐ SODIUM SELENATE
788	10102 18 8	☐ SODIUM SELENITE
789	10026 06 9	☐ STANNIC CHLORIDE, HYDRATED
790	12440 42 5	☐ STANNIC PHOSPHIDE
791	7772 99 8	☐ STANNOUS CHLORIDE

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
792	7783-47-3	☐ STANNOUS FLUORIDE
793	9005-25-8	☐ STARCH
794	7803-52-3	☐ STIBINE
795	8052-41-3	☐ STODDARD SOLVENT
796	15195-06-9	☐ STRONTIUM ARSENITE
797	57-24-9	☐ STRYCHNINE
798	100-42-5	☐ STYRENE MONOMER
799	1395-21-7	☐ SUBTILISINS (PROTECTIVE ENZ AS 100% PURE CRYST ENZYME)
800	57-50-1	☐ SUCROSE
801	3689-24-5	☐ SULFOTEPP
802	7446-09-5	☐ SULFUR DIOXIDE
803	2551-62-4	☐ SULFUR HEXAFLUORIDE
804	7664-93-9	☐ SULFURIC ACID
805	10025-67-9	☐ SULFUR MONOCHLORIDE
806	10546-01-7	☐ SULFUR PENTAFLUORIDE
807	7783-60-0	☐ SULFUR TETRAFLUORIDE
808	2699-79-8	☐ SULFURYL FLUORIDE
809	35400-43-2	☐ SULPROFOS
810		☐ SYSTOX, (see Semeton)
811	93-76-5	☐ 2, 4, 5-T
812	14807-96-6	☐ TALC
813	7440-25-7	☐ TANTALUM
814		☐ TEDP, (see Sulfotep)
815	13494-80-9	☐ TELLURIUM
816	7783-80-4	☐ TELLURIUM HEXAFLUORIDE
817	3383-96-8	☐ TEMEPHOS
818	107-49-3	☐ TEPP
819	92-06-8	☐ TERPHENYLS
820	84-15-1	☐ TERPHENYLS
821	92-94-4	☐ TERPHENYLS
822	540-88-5	☐ TERT-BUTYL ACETATE
823	75-65-0	☐ TERT-BUTYL ALCOHOL
824	1189-85-1	☐ TERT BUTYL CHROMATE
825	76-11-9	☐ 1, 1, 1, 2-TETRACHLORO-2, 2-DIFLUOROETHANE
826	76-12-0	☐ 1, 1, 2, 2-TETRACHLORO-1, 2-DIFLUOROETHANE
827	79-34-5	☐ 1, 1, 2, 2-TETRACHLOROETHANE
828	127-18-4	☐ TETRACHLOROETHYLENE
829		☐ TETRACHLOROMETHANE, (see Carbon Tetrachloride)
830	1335-88-2	☐ TETRACHLORONAPHTHALENE
831	15108-81-3	☐ TETRAETHYL DITHIOPYRO-PHOSPHATE
832	78-00-2	☐ TETRAETHYL LEAD
833	10036-47-2	☐ TETRAFLUOROHYDRAZINE
834	109-99-9	☐ TETRAHYDROFURAN
835	75-74-1	☐ TETRAMETHYL LEAD
836	3333-52-6	☐ TETRAMETHYL SUCCINONITRILE
837	509-14-8	☐ TETRANITROMETHANE
838	7772-88-5	☐ TETRASODIUM PYROPHOSPHATE
839	479-45-8	☐ TETRYL
840	7440-28-0	☐ THALLIUM
841	16901-76-1	☐ THALLIUM NITRATE
842	10031-59-1	☐ THALLIUM SULFATE
843	96-69-5	☐ 4, 4'-THIOBIS (6-TERT BUTYL-M-CRESOL)
844	68-11-1	☐ THIOGLYCOLIC ACID
845	137-26-8	☐ THIRAM
846	7440-31-5	☐ TIN
847	7646-78-8	☐ TIN TETRACHLORIDE
848	13463-67-7	☐ TITANIUM DIOXIDE
849	108-88-3	☐ TOLUENE
850	584-84-9	☐ TOLUENE-2, 4 DIISOCYANATE
851	8001-35-2	☐ TOXAPHENE
852	14567-73-8	☐ TREMOLITE
853	1116-70-7	☐ TRIBUTYL ALUMINUM
854	126-73-8	☐ TRIBUTYL PHOSPHATE
855	56-36-0	☐ TRIBUTYLTIN ACETATE
856	76-03-9	☐ TRICHLOROACETIC ACID
857	120-82-1	☐ 1, 2, 4-TRICHLOROBENZENE
858		☐ 1, 1, 1-TRICHLOROETHANE, (see Methyl Chloroform)
859	79-00-5	☐ 1, 1, 2-TRICHLOROETHANE
860	79-01-6	☐ TRICHLOROETHYLENE
861	75-69-4	☐ TRICHLOROFLUOROMETHANE
862		☐ TRICHLOROMETHANE, (see Chloroform)
863	1321-65-9	☐ TRICHLORONAPHTHALENE
864		☐ TRICHLORONITROMETHANE, (see Chloropicrin)
865	25167-83-3	☐ TRICHLOROPHENOL
866	35915-18-5	☐ TRICHLOROPHENOXYACETIC ACID
867	55720-99-5	☐ TRICHLOROPHENYL ETHER
868	96-18-4	☐ 1, 2, 3 TRICHLOROPROPANE
869	76-13-1	☐ 1, 1, 2-TRICHLORO 1, 2, 2-TRIFLUOROETHANE
870		☐ TRICYCLOHEXYLTIN HYDROXIDE (see Cyhexatin)
871	97-93-8	☐ TRIETHYLALUMINUM
872	121-44-8	☐ TRIETHYLAMINE
873	994-31-0	☐ TRIETHYLTIN CHLORIDE
874	75-63-8	☐ TRIFLUOROBROMOMETHANE
875	100-99-2	☐ TRIISOBUTYL ALUMINUM
876	552-30-7	☐ TRIMELLITIC ANHYDRIDE
877	75-24-1	☐ TRIMETHYLALUMINUM
878	75-50-3	☐ TRIMETHYLAMINE
879	25551-13-7	☐ TRIMETHYL BENZENE
880	121-45-9	☐ TRIMETHYL PHOSPHITE
881	88-89-1	☐ 2, 4, 6-TRINITROPHENOL
882		☐ 2, 4, 6-TRINITROPHENYLMETHYLNITRAMINE, (see Tetryl)
883	118-96-7	☐ 2, 4, 6-TRINITROTOLUENE
884	78-30-8	☐ TRIORTHOCRESYL PHOSPHATE
885	603-34-9	☐ TRIPHENYL AMINE
886	115-86-6	☐ TRIPHENYL PHOSPHATE
887	639-58-7	☐ TRIPHENYLTIN CHLORIDE
888	76-87-9	☐ TRIPHENYLTIN HYDROXIDE
889	102-67-0	☐ TRIPROPYLALUMINUM
890	7440-33-7	☐ TUNGSTEN
891	12070-12-1	☐ TUNGSTEN CARBIDE
892	7783-82-6	☐ TUNGSTEN HEXAFLUORIDE
893	9005-90-7	☐ TURPENTINE
894	7440-61-1	☐ URANIUM
895	7783-81-5	☐ URANIUM HEXAFLUORIDE
896	10026-10-5	☐ URANIUM TETRACHLORIDE
897	10049-14-6	☐ URANIUM TETRAFLUORIDE
898	10025-93-1	☐ URANIUM TRICHLORIDE
899	541-09-3	☐ URANYL ACETATE
900	7791-26-6	☐ URANYL CHLORIDE
901	1344-57-6	☐ URANYL DIOXIDE
902	10102-06-4	☐ URANYL NITRATE
903	36478-76-9	☐ URANYL NITRATE
904	13520-83-7	☐ URANYL NITRATE HEXAHYDRATE

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE	DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
905	19525-15-6	☐ URANYL PEROXIDE			
906	18433-48-2	☐ URANYL PHOSPHATE			
907	1314-64-3	☐ URANYL SULFATE			
908	110-62-3	☐ VALERALDEHYDE			
909	1314-62-1	☐ VANADIUM PENTOXIDE			
910		☐ VEGETABLE OIL, MISTS			
911	108-05-4	☐ VINYL ACETATE			
912		☐ VINYL BENZENE, (see Styrene)			
913	593-60-2	☐ VINYL BROMIDE			
914	75-01-4	☐ VINYL CHLORIDE			
915		☐ VINYL CYANIDE, (see Acrylonitrile)			
916	106-87-6	☐ VINYL CYCLOHEXENE DIOXIDE			
917	75-35-4	☐ VINYLIDENE CHLORIDE			
918	25013-15-4	☐ VINYL TOLUENE			
919	8032-32-4	☐ VM & P NAPTHA			
920	81-81-2	☐ WARFARIN			
921		☐ WELDING FUMES			
922		☐ WOOD DUST			
923	1330-20-7	☐ XYLENES			
924	1300-73-8	☐ XYLIDINE			
925	7440-65-5	☐ YTTRIUM			
926	1303-39-5	☐ ZINC ARSENATE			
927	10328-24-8	☐ ZINC ARSENITE			
928	7646-85-7	☐ ZINC CHLORIDE			
929	13530-65-9	☐ ZINC CHROMATE			
930	557-21-1	☐ ZINC CYANIDE			
931	7783-49-5	☐ ZINC FLUORIDE			
932	1314-13-2	☒ ZINC OXIDE			
933	37224-57-0	☐ ZINC POTASSIUM CHROMATE			
934	557-05-1	☐ ZINC STEARATE			
935	16871-71-9	☐ ZINC SILICOFLUORIDE			
936	7440-67-7	☐ ZIRCONIUM			
937	11105-16-1	☐ ZIRCONIUM HYDRIDE			
938	13746-89-9	☐ ZIRCONIUM NITRATE			
939	63868-82-6	☐ ZIRCONIUM PICRAMATE			
940	16923-95-8	☐ ZIRCONIUM POTASIUM FLUORIDE			
941	14475-73-1	☐ ZIRCONIUM SULFATE			
942	10026-11-6	☐ ZIRCONIUM TETRACHLORIDE			

DOH NO.	CAS NO.	(✓) TOXIC SUBSTANCE
450	7439-92-1	☑ LEAD
451	301-04-2	☐ LEAD ACETATE
452	7645-25-2	☐ LEAD ARSENATE
453	10031-13-7	☐ LEAD ARSENITE
454	13424-46-9	☐ LEAD AZIDE
455	12612-47-4	☐ LEAD CHLORIDE
456	18454-12-1	☐ LEAD CHROMATE
457	592-05-2	☐ LEAD CYANIDE
458	1309-60-0	☐ LEAD DIOXIDE
459	13814-96-5	☐ LEAD FLUOBORATE
460	53096-04-1	☐ LEAD FLUORIDE
461	12684-19-4	☐ LEAD IODIDE
462	18256-98-9	☐ LEAD NITRATE
463	13637-76-8	☐ LEAD PERCHLORATE
464	7446-27-7	☐ LEAD PHOSPHATE
465	7428-48-0	☐ LEAD STEARATE
466	15245-44-0	☐ LEAD STYPHNATE
467	39377-56-5	☐ LEAD SULFIDE
468	7446-14-2	☐ LEAD SULPHATE
469	592-87-0	☐ LEAD THIOCYANATE
470	1317-65-3	☐ LIMESTONE
471	58-89-9	☐ LINDANE
472	68476-85-7	☐ LIQUIFIED PETROLEUM GAS
473	16853-85-3	☐ LITHIUM ALUMINUM HYDRIDE
474	14307-35-8	☐ LITHIUM CHROMATE
475	7580-67-8	☐ LITHIUM HYDRIDE
476	546-93-0	☐ MAGNESITE
477	10103-50-1	☐ MAGNESIUM ARSENATE
478	1309-48-4	☐ MAGNESIUM OXIDE
479	16949-65-8	☐ MAGNESIUM SILICO-FLUORIDE
480	121-75-5	☐ MALATHION
481	108-31-6	☐ MALEIC ANHYDRIDE
482	12427-38-2	☐ MANEB
483	7439-96-5	☐ MANGANESE
484	12079-65-1	☐ MANGANESE CYCLOPENTADIENYL TRICARBONYL
485	1313-13-9	☐ MANGANESE DIOXIDE
486	10377-66-9	☐ MANGANESE NITRATE
487	1317-34-6	☐ MANGANESE TRIOXIDE
488	108-39-4	☐ M-CRESOL
489	1600-27-7	☐ MERCURIC ACETATE
490	7784-37-4	☐ MERCURIC ARSENATE
491	583-15-3	☐ MERCURIC BENZOATE
492	7789-47-1	☐ MERCURIC BROMIDE
493	7487-94-7	☐ MERCURIC CHLORIDE
494	592-04-1	☐ MERCURIC CYANIDE
495	7774-29-0	☐ MERCURIC IODIDE
496	10045-94-0	☐ MERCURIC NITRATE
497	1335-31-5	☐ MERCURIC OXYCYANIDE
498	591-89-9	☐ MERCURIC POTASSIUM CYANIDE
499	1312-03-4	☐ MERCURIC SUBSULFATE
500	7783-35-9	☐ MERCURIC SULFATE
501	12002-19-6	☐ MERCUROL
502	7546-30-7	☐ MERCUROUS CHLORIDE
503	10112-91-1	☐ MERCUROUS CHLORIDE
504	10415-75-5	☐ MERCUROUS NITRATE
505	7783-36-0	☐ MERCUROUS SULFATE
506	7439-97-6	☐ MERCURY
507	10124-48-8	☐ MERCURY AMMONIUM CHLORIDE
508	10031-18-2	☐ MERCURY (1) BROMIDE (1:1)
509	15385-58-7	☐ MERCURY (1) BROMIDE (1:1)
510	628-86-4	☐ MERCURY FULMINATE
511	63937-14-4	☐ MERCURY GLUCONATE
512	37320-91-5	☐ MERCURY IODIDE
513	1191-80-6	☐ MERCURY OLEATE
514	12653-71-3	☐ MERCURY OXIDE
515	7783-33-7	☐ MERCURY POTASSIUM IODIDE
516	5970-32-1	☐ MERCURY SALICYLATE
517	53408-91-6	☐ MERCURY THIOCYANATE
518	141-79-7	☐ MESITYL OXIDE
519	79-41-4	☐ METHACRYLIC ACID
520	74-82-8	☐ METHANE
521		☐ METHANETHIOL, (see Methyl mercaptan)
522		☐ METHANOL, (see Methyl alcohol)
523	16752-77-5	☐ METHOMYL
524	72-43-5	☐ METHOXYCHLOR
525	109-86-4	☐ 2-METHOXYETHANOL
526	110-49-6	☐ 2-METHOXYETHYL ACETATE (METHYL CELLOSOLVE ACETATE)
527	150-76-5	☐ 4-METHOXYPHENOL
528	79-20-9	☐ METHYL ACETATE
529	74-99-7	☐ METHYL ACETYLENE
530	96-33-3	☐ METHYL ACRYLATE
531	126-98-7	☐ METHYLACRYLONITRILE
532	109-87-5	☐ METHYLAL
533	67-56-1	☑ METHYL ALCOHOL
534	12542-85-7	☐ METHYL ALUMINUM SESQUICHLORIDE
535	74-89-5	☐ METHYLAMINE
536	54972-97-3	☐ METHYL AMYL ALCOHOL
537	100-61-8	☐ METHYLANILINE
538	74-83-9	☐ METHYL BROMIDE
539	591-78-6	☐ METHYL BUTYL KETONE
540		☐ METHYL CELLOSOLVE
541	74-87-3	☐ METHYL CHLORIDE
542	71-55-6	☐ METHYL CHLOROFORM
543	137-05-3	☐ METHYL 2-CYANOACRYLATE
544	108-87-2	☐ METHYLCYCLOHEXANE
545	25639-42-3	☐ METHYL CYCLOHEXANOL
546	12108-13-3	☐ METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL
547	8022-00-2	☐ METHYL DEMETON
548	593-89-5	☐ METHYL DICHLOROARSINE
549	101-14-4	☐ 4, 4'-METHYLENEBIS (2-CHLOROANILINE)
550	5124-30-1	☐ METHYLENE BIS (4-CYCLOHEXYLISOCYANATE)
551	101-68-8	☐ METHYLENE BISPHENYL ISOCYANATE (MDI)
552	75-09-2	☐ METHYLENE CHLORIDE
553	101-77-9	☐ 4, 4'-METHYLENE DIANILINE
554	78-93-3	☐ METHYL ETHYL KETONE
555	1338-23-4	☐ METHYL ETHYL KETONE PEROXIDE
556	593-53-3	☐ METHYL FLUORIDE
557	107-31-3	☐ METHYL FORMATE
558	541-85-5	☐ 5-METHYL-3 HEPTANONE
559	60-34-4	☐ METHYL HYDRAZINE
560	74-88-4	☐ METHYL IODIDE
561	110-12-3	☐ METHYL ISOAMYL KETONE
562	108-10-1	☐ METHYL ISOBUTYL KETONE

ATTACHMENT 6D

SARA TITLE III, SECTION 311/312 REPORT

JESCO RESOURCES, INC.
1437 GENTRY ST. ● P.O. BOX 12337 ● NORTH KANSAS CITY, MISSOURI 64116
(816) 471-4590 ● TELEX 43-4339 ● FAX 816-471-2240

February 28, 1991

Mr. James Long
Missouri Emergency Response Commission
Post Office Box 3133
Jefferson City, Missouri 65102

Dear Mr. Long:

As required by SARA Title III, Section 311/312, enclosed is the "Plant Emergency and Hazardous Chemical Inventory Tier II" for Jesco Resources, Inc. This report is for chemicals used and inventoried at our North Kansas City, Missouri facility for calendar year ending December 31, 1990.

If you have any questions, please contact me.

Sincerely,

Sal Fasone

Sal Fasone
Director, Technical Services

SF/bj
cc: Director Emergency Management
Clay County Emergency Response Commission

T. Williams, Fire Marshall
North Kansas City, Missouri

Dave Garcia
Mid-American Emergency Planning Committee
Enclosures

PLEASE NOTE: Original signature is required only on the first page and it covers the entire submission. You may need to make additional copies of this form.

Form Approved OMB No. 2050-0072

Revised June 1990

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification

Name: Jesco Resources, Inc.
Street: 1437 Gentry St.
City: N. Kansas City County: Clay State: MO Zip: 64116
SIC Code: 2992 Dun & Bradstreet Number: 00-714-6327

FOR OFFICIAL USE ONLY — ID# / Date Received

Owner/Operator Name

Name: Richard S. Howell Phone: 816-471-4590
Mail Address: 1437 Gentry, North Kansas City, MO 64116

Emergency Contact

Name: Richard S. Howell Title: President
Phone: (816) 471-4590 24 Hr. Phone: (816) 333-2503

Name: Sal Fasone Title: Technical Dir.
Phone: (816) 471-4590 24 Hr. Phone: (816) 241-9998

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 90 ☐ IDENTICAL TO LAST YEAR

	Chemical Description	Physical and Health Hazards (check all that apply)	Maximum Quantity on Site At Any One Time	Storage Codes and Locations (Non-Confidential) — Container Type / Temperature / Pressure / Storage Locations	Attached
(1)	CAS 64742-65-0 / 64741-88-4 ☐ Trade Secret Chem. Name: Refined PARAFFINIC Petroleum Oil — Solvent Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	600,000 LBS.	A 1 4 C 1 4 T-1, T-2, T-3 & T-4 SITE PLAN	☐
(2)	CAS 64741-56-6 ☐ Trade Secret Chem. Name: Petroleum Hydrocarbon BLACK OIL Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	150,000 LBS.	C 1 4 R-1 SITE PLAN	☐
(3)	CAS 64742-52-5 ☐ Trade Secret Chem. Name: HYDROTREATED HEAVY NAPTHENIC Petroleum DISTILLATE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	1,000,000 LBS.	A 1 4 T-1, T-2 SITE PLAN	☐

Certification (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 7 and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

SAL FASONE, DIRECTOR TECHNICAL SERVICE — Sal Fasone — 2/28/91

Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments
☒ I have attached a site plan
☐ I have attached a list of site hazardous determinations
☐ I have attached a description of other safeguard measures

PAGE 2 ON REVERSE SIDE

Important: Read all instructions before completing form | Reporting Period From January 1 to December 31, 19 90 | ☐ IDENTICAL TO LAST YEAR

	Chemical Description	Physical and Health Hazards (check all that apply)	Maximum Quantity on Site At Any One Time	Container Type / Temperature / Pressure — Storage Codes and Locations (Non-Confidential) — Storage Locations	Delete
(4)	CAS 64742-65-0 ☐ Trade Secret Chem. Name PETROLEUM BRITE STOCK Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ Sol EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (Acute) ☐ Delayed (Chronic)	400,000 LBS.	A 1 4 — T-1, T-2 SITE PLAN	☐
(5)	CAS 8052-42-4 ☐ Trade Secret Chem. Name PETROLEUM ASPHALT Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ Sol EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (Acute) ☐ Delayed (Chronic)	50,000 LBS.	C 1 5 — R-1 SITE PLAN	☐
(6)	CAS 123-99-9 ☐ Trade Secret Chem. Name AZELEIC ACID Check all that apply: ☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ Sol EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (Acute) ☐ Delayed (Chronic)	15,000 LBS.	J 1 4 — R-1 SITE PLAN	☐
(7)	CAS 8001-78-3 ☐ Trade Secret Chem. Name TALLOW, FATTY ACID Check all that apply: ☐ Pure ☒ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ Sol EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (Acute) ☐ Delayed (Chronic)	120,000 LBS.	D 1 4 — R-1 SITE PLAN	☐
(8)	CAS 106-14-9 (57-11-4) ☐ Trade Secret Chem. Name 12 HYDROXY STEARIC ACID SAT. FATTY ACID Check all that apply: ☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ Sol EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (Acute) ☐ Delayed (Chronic)	40,000 LBS.	J 1 4 — R-1 SITE PLAN	☐
(9)	CAS 1338-24-5 ☐ Trade Secret Chem. Name NAPTHENIC ACID Check all that apply: ☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ Sol EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (Acute) ☐ Delayed (Chronic)	40,000 LBS.	D 1 4 — R-1 SITE PLAN	☐

PLEASE NOTE: Original signature is required only on the first page and certification statement submission. You may need to make additional copies of this form.

Revised June 1990

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY
Specific Information by Chemical

Facility Identification
Name: Jesco Resources, Inc.
Street: 1437 Gentry St.
City: N. Kansas City County: Clay State: MO Zip: 64116
SIC Code: 2992 Dun & Bradstreet Number: 00-714-6327

FOR OFFICIAL USE ONLY — ID # / Date Received

Owner/Operator Name
Name: Richard S. Howell Phone: 816-471-4590
Mail Address: 1437 Gentry, North Kansas City, MO 64116

Emergency Contact
Name: Richard S. Howell Title: President
Phone: (816) 471-4590 24 Hr. Phone: (816) 333-2503
Name: Sal Fasone Title: Technical Dir.
Phone: (816) 471-4590 24 Hr. Phone: (816) 241-9998

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 90 ☐ IDENTICAL TO LAST YEAR

	Chemical Description	Physical and Health Hazards (check all that apply)	Maximum Quantity on Site At Any One Time	Storage Codes and Locations (Non-Confidential) — Container Type / Temperature / Pressure / Storage Locations	Attach.
10	CAS 1317-36-8 ☐ Trade Secret Chem. Name LITHARGE Check all that apply: ☒ Pure ☐ Mix ☒ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	20,000 LBS.	J 1 4 — R-1 SITE PLAN	☐
11	CAS 1310-66-3 ☐ Trade Secret Chem. Name LITHIUM Hydroxide MONOHYDRATE Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☐ Fire ☐ Sudden Release of Pressure ☒ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	60,000 LBS.	J 1 4 — R-1 SITE PLAN	☐
12	CAS 79-01-6 ☐ Trade Secret Chem. Name TRICHLOROETHYLENE Check all that apply: ☒ Pure ☐ Mix ☐ Solid ☒ Liquid ☒ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	60,000 LBS.	A 1 4 — T-2 SITE PLAN	☐

Certification (Read and sign after completing all sections)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 7 and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

SAL FASONE, DIRECTOR TECH. SERVICE — Sal Fasone — 2/28/91
Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments
☒ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of drills and other safeguard measures

Page 4 of 7 pages

* Important: Read all instructions before completing form | Reporting Period From January 1 to December 31, 19__ | ☐ IDENTICAL TO LAST YEAR

	Chemical Description	Physical and Health Hazards (check all that apply)	Maximum Quantity on Site At Any One Time	Storage Codes and Locations (Non-Confidential) — Container Type / Temperature / Pressure / Storage Locations	Trade Secret
(13)	CAS 71556 ☐ Chem. Name CHLOROETHENE 1-1-1 TRICHLOROETHANE Check one: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ Sol ☒ EHS Name	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☒	10,000 LBS.	D 1 4 R-1 SITE PLAN	☐
(14)	CAS 7782 42 5 ☐ Chem. Name GRAPHITE Check one: Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ Sol ☐ EHS Name	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☐	20,000 LBS.	J 1 4 R-1 SITE PLAN	☐
(15)	CAS 7439 92 7 ☐ Chem. Name 9704 34 9 MOLYBDENUM DISULFIDE Check one: Pure ☐ Mix ☒ Solid ☒ Liquid ☐ Gas ☐ Sol ☐ EHS Name	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☐	20,000 LBS.	J 1 4 R-1 SITE PLAN	☐
(16)	CAS NA ☐ Chem. Name Polyethylene (MARLEX) Check one: Pure ☐ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ Sol ☐ EHS Name	Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☐	50,000 LBS.	K 1 4 R-1 SITE PLAN	☐
(17)	CAS 14808 60 7 ☐ Chem. Name 14644671 CRYSTALLINE SILICA Check one: Pure ☐ Mix ☒ Solid ☒ Liquid ☐ Gas ☐ Sol ☐ EHS Name	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☒	10,000 LBS.	J 1 4 R-1 SITE PLAN	☐
(18)	CAS NA NA ☐ Chem. Name CHLORINATED PARAFFIN, LEAD SALTS AND SULFURIZED FATTY ACID Check one: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ Sol ☐ EHS Name	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☒	40,000 LBS.	C 1 4 R-1 SITE PLAN	☐

PLEASE NOTE: Original signature required on the first page and it covers the entire submission. You may need to make additional copies of this form.

Revised June 1990

Form Approved OMB No. 2050-0072

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY
Specific Information by Chemical

Facility Identification
Name: Jesco Resources, Inc.
Street: 1437 Gentry St.
City: N. Kansas City County: Clay State: MO Zip: 64116
SIC Code: 2992 Dun & Bradstreet Number: 00-714-6327

FOR OFFICIAL USE ONLY — ID # / Date Received

Owner/Operator Name
Name: Richard S. Howell Phone: 816-471-4590
Mail Address: 1437 Gentry, North Kansas City, MO 64116

Emergency Contact
Name: Richard S. Howell Title: President
Phone: (816) 471-4590 24 Hr. Phone: (816) 333-2503
Name: Sal Fasone Title: Technical Dir.
Phone: (816) 471-4590 24 Hr. Phone: (816) 241-9998

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 90 ☐ IDENTICAL TO LAST YEAR

	Chemical Description	Physical and Health Hazards (check all that apply)	Maximum Quantity on Site At Any One Time	Container Type / Temperature / Pressure — Storage Codes and Locations (Non-Confidential) — Storage Locations	Trade Secret
19.	CAS: MA Chem. Name: COPOLYMER OF ETHYLENE AND PROPYLENE IN OIL - PARAMINS Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☐	80,000 LBS.	C 1 4 R-1 SITE PLAN	☐
20.	CAS: 67-63-0 Chem. Name: SULFUR-PHOS GEAR OIL ADDITIVE Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☒ Delayed (chronic) ☒	12,000 LBS.	D 1 4 R-1 SITE PLAN	☐
21.	CAS: 15890-25-2 Chem. Name: ANTIMONY - DIACKYLPHOSPHORODIOTHATE Check all that apply: Pure ☐ Mix ☒ Solid ☐ Liquid ☒ Gas ☐ EHS ☐ EHS Name:	Fire ☒ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic) ☒	12,000 LBS.	D 1 4 R-1 SITE PLAN	☐

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SAL FASONE, DIRECTOR TECH. SERVICE — Sal Fasone — 4/28/91
Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments
☒ I have attached a site plan
☐ I have attached a list of site coordinate abbreviations
☐ I have attached a description of alarm and other safeguard measures

PAGE 6 on BACK

Important: Read all instructions before completing form | Reporting Period From January 1 to December 31, 19___ | ☐ IDENTICAL TO LAST YEAR

Chemical Description	Physical and Health Hazards (Check all that apply)	Maximum Quantity on Site At Any One Time	Storage Codes and Locations (Non-Confidential) — Container Type, Temperature, Pressure, Storage Locations	Location
22 CAS 1 5 3 3 7 1 8 5 ☐ Trade Secret Chem. Name ZINC DIPENTYL DITHIO-CARBAMATE Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☒ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	12000 LBS.	D 1 4 R-1 SITE PLAN	☐
23 CAS 2 5 1 0 3 5 4 2 ☐ Trade Secret Chem. Name ZINC DIACKYLDITHIO-PHOSPHATE Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☒ Reactivity ☒ Immediate (acute) ☒ Delayed (chronic)	10,000 LBS.	D 1 4 R-1 SITE PLAN	☐
24 CAS N A ☐ Trade Secret ☒ Chem. Name DISPERSANT-DETERGENT MIX IN HYDROTREATED BASE OIL Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	30,000 LBS.	D 1 4 R-1 SITE PLAN	☐
25 CAS 1 5 8 7 4 4 8 3 ☐ Trade Secret Chem. Name ANTIMONY DIALKYLphosphoro-dioTHATE - RT VANDERBILT Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	10,000 LBS.	D 1 4 R-1 SITE PLAN	☐
26 CAS N A ☐ Trade Secret ☐ Chem. Name POLY BUTENE Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	20,000 LBS.	D 1 4 R-1 SITE PLAN	☐
27 CAS 6 4 7 4 2 8 8 7 ☐ Trade Secret Chem. Name Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name	☒ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	20,000 LBS.	D 1 4 R-1 SITE PLAN	☐

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Revised June 1990

Tier Two
EMERGENCY AND HAZARDOUS CHEMICAL INVENTORY

Specific Information by Chemical

Facility Identification
Name: Jesco Resources, Inc.
Street: 1437 Gentry St.
City: N. Kansas City County: Clay State: MO Zip: 64116
SIC Code: 2912 Dun & Bradstreet Number: 00-714-6327

FOR OFFICIAL USE ONLY — ID# / Date Received

Owner/Operator Name
Name: Richard S. Howell Phone: 816-471-4590
Mail Address: 1437 Gentry, North Kansas City, MO 64116

Emergency Contact
Name: Richard S. Howell Title: President
Phone: (816) 471-4590 24 Hr. Phone: (816) 333-2503
Name: Sal Fasone Title: Technical Dir.
Phone: (816) 471-4590 24 Hr. Phone: (816) 241-9998

Important: Read all instructions before completing form

Reporting Period: From January 1 to December 31, 19 90 ☐ IDENTICAL TO LAST YEAR

Chemical Description	Physical and Health Hazards (check all that apply)	Maximum Quantity on Site At Any One Time	Storage Codes and Locations (Non-Confidential) — Container Type / Temperature / Pressure / Storage Locations	Hazardous
CAS 68155397 ☐ Trade Secret Chem. Name: Amine C14-C18, C16-C18 UNSATURATED ALKYL ETHOXYLATED Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	12,000 LBS.	D 1 4 — R-1 SITE PLAN	☐
CAS NA ☒ Trade Secret Chem. Name: NON-IONIC EMULSIFIER BLEND HERCROS Chem T'MULT 780M Check all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☒ Immediate (acute) ☐ Delayed (chronic)	12,000 LBS.	D 1 4 — R-1 SITE PLAN	☐
CAS ☐ Trade Secret Chem. Name: Check all that apply: ☐ Pure ☐ Mix ☐ Solid ☐ Liquid ☐ Gas ☐ EHS EHS Name:	☐ Fire ☐ Sudden Release of Pressure ☐ Reactivity ☐ Immediate (acute) ☐ Delayed (chronic)	LBS.		☐

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SAL FASONE, DIRECTOR TECH. SERVICE — Sal Fasone — 2/28/91
Name and official title of owner/operator OR owner/operator's authorized representative — Signature — Date signed

Optional Attachments
☒ I have attached a site plan
☐ I have attached a list of site description abbreviations
☐ I have attached a description of steps and other safeguard measures

(28) (29)

Federal Register / Vol. 55, No. 144 / Thursday, July 26, 1990 / Rules and Regulations 30651

ATTACHMENT 6E

TOXIC CHEMICAL RELEASE INVENTORY REPORT COVER LETTER

JESCO RESOURCES, INC.
1437 GENTRY ST. ● P.O. BOX 12337 ● NORTH KANSAS CITY, MISSOURI 64116
(816) 471-4590 ● TELEX 43-4339 ● FAX 816-471-2240

29 June 1990

CERTIFIED MAIL P 912 703 157
RETURN RECEIPT REQUESTED

EPCRA Reporting
Attention: Toxic Chemical Release Inventory
470 L'Enfant Plaza East
Suite 7103 S.W.
Washington, D.C. 20024

Dear Sir or Madam:

Enclosed are the "EPA Form R" from Jesco Resources, Inc. for Section 313 Chemicals, as noted for calendar year 1989.

1. Trichloroethylene
2. 1,1,1 Trichloroethane
3. Lead Compounds
4. Antimony Compounds

If you have any questions, please contact me.

Sincerely,

Sal Fasone
Director, Technical Services

SF/bj
cc: Missouri Emergency Response Commission
Enclosures

P 912 703 158

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr. Dean Martin	
Street and No MO Dept. Natural Resources - P.O. Box 3133	
P.O., State and ZIP Code Jefferson City, MO 65102	
Postage	$ 1.05
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	.90
TOTAL Postage and Fees	$ 2.80
Postmark or Date	

PS Form 3800, June 1985

P 912 703 157

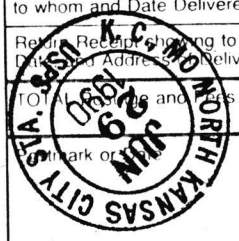
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to EPCRA Reporting Toxic Chemical Release Inv.	
Street and No 470 L'Enfant Plaza East Suite 7103 S.W.	
P.O., State and ZIP Code Washington, D.C. 20024	
Postage	$ 1.05
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	.90
TOTAL Postage and Fees	$ 2.80
Postmark or Date	

PS Form 3800, June 1985



JUNE 29, 90

FIRST CLASS MAIL

Is your RETURN ADDRESS completed on the reverse side?

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☐ Show to whom delivered, date, and addressee's address. *(Extra charge)* 2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:
EPCRA Reporting
Attn: Toxic Chemical Release Inventory
470 L'Enfant Plaza East
Suite 7103 S.W.
Washington, D.C. 20024

4. Article Number
P 912 703 157

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Address
X

6. Signature — Agent
X

7. Date of Delivery

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form 3811, Mar. 1988 ★ U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

FIRST CLASS MAIL

ATTACHMENT 7

PHOTOGRAPHS

PHOTO 1

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: Southeast **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 8:15 a.m.
Subject: Entrance to Jesco at time of entry.

PHOTO 2

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: Northwest **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:05 a.m.
Subject: Exhaust vent and duct work for vapor recovery system on roof near southeast corner of production area.

PHOTO 3

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: Northwest **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:05 a.m.
Subject: Exhaust vent and duct work for vapor recovery system on roof near southeast corner of production area.

PHOTO 4

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: West **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:06 a.m.
Subject: Railcar in off-loading area.

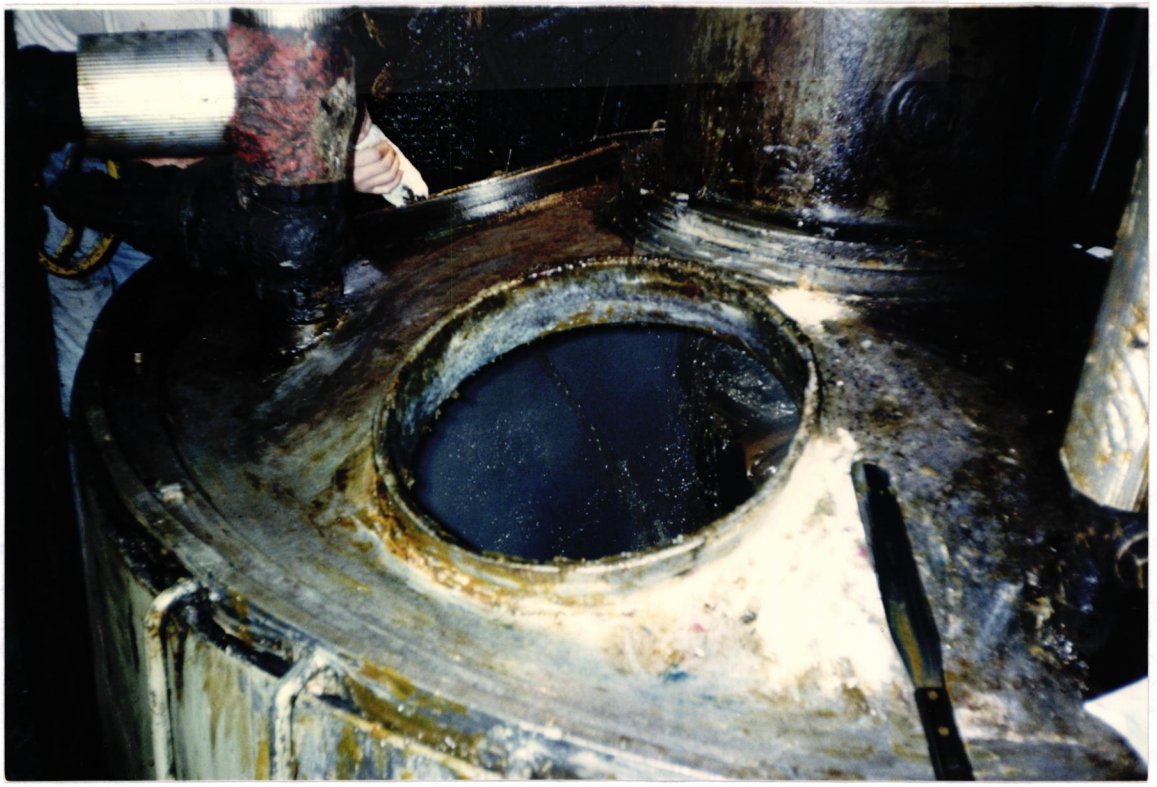
PHOTO 5

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: Southeast **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:10 a.m.
Subject: Drums in foreground contain materials that are to be reworked into process. Drums in background (beyond red railing) are raw materials (additives).

PHOTO 6

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: Northeast **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:15 a.m.
Subject: Washout tank on left side. Kettle #15 on the right side.

PHOTO 7



Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: West **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:25 a.m.
Subject: Employee using hot oil to rinse out the tank before starting new batch of grease.

PHOTO 8

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: East **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:32 a.m.
Subject: Grease and floor dry absorbent accumulating on 2nd floor and 1st floor walkways.

PHOTO 9

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo.
Direction: West
Date: June 14, 1991
Time: 9:37 a.m.
Photographer: James Aycock
Witness: Susan Rodgers
Camera Type: Minolta 35mm
Film Type: 200 ASA
Subject: Raw material storage area in Warehouse #1 - black and brown drums contain raw materials (resin and molybdenum). The green drums contain grease that failed customer specifications and will be reworked into the process.

PHOTO 10

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Film Type:** 200 ASA **Date:** June 14, 1991
Direction: North **Camera Type:** Minolta 35mm **Witness:** Susan Rodgers **Time:** 9:45 a.m.
Subject: Five-gallon pail used to collect excess O&G from funnel (on top of container). Funnel is used to fill five to ten-gallon container for private customers. Black drum in center contains used rags and any other wastes generated in shipping and receiving area i.e., floor dry absorbent, paper, cans, etc.

PHOTO 11

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: North **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:50 a.m.
Subject: Metal totes used to ship bulk lubricating grease to mining industry. Tank farm is behind totes - railcar off-loading area on the left side.

PHOTO 12

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: South **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 9:58 a.m.
Subject: BFI roll-off container on right side. Pallet in foreground contains nine five-gallon pails of O&G and floor dry absorbent. Two green drums in rear contain water and O&G mixtures that will be reclaimed and reused in process.

PHOTO 13

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: South **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 10:00 a.m.
Subject: Close up of water in and around BFI roll-off container. Water and oil collected is pumped to oil/water separator. Sump located in upper left hand corner of the pit.

PHOTO 14

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: Southeast **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 10:05 a.m.
Subject: Numerous containers in storage lot north of Warehouse #2. Drum contents include, O&G sludges, isobutyl alcohol and limestone gravel.

PHOTO 15

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: South **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 10:05 a.m.
Subject: O&G stained area east of drum storage area north of Warehouse #2.

PHOTO 16

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: East **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 10:08 a.m.
Subject: Two 55-gallon containers full of stormwater runoff and O&G from sump pit. Sump pit is on the right side of containment wall (grate with pipe).

PHOTO 17

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo.
Direction: South
Date: June 14, 1991
Time: 10:10 a.m.
Photographer: James Aycock
Witness: Susan Rodgers
Camera Type: Minolta 35mm
Film Type: 200 ASA
Subject: Area between tanks in tank farm. Blue pipe in foreground is for piping sump water to oil/water separator in main production building.

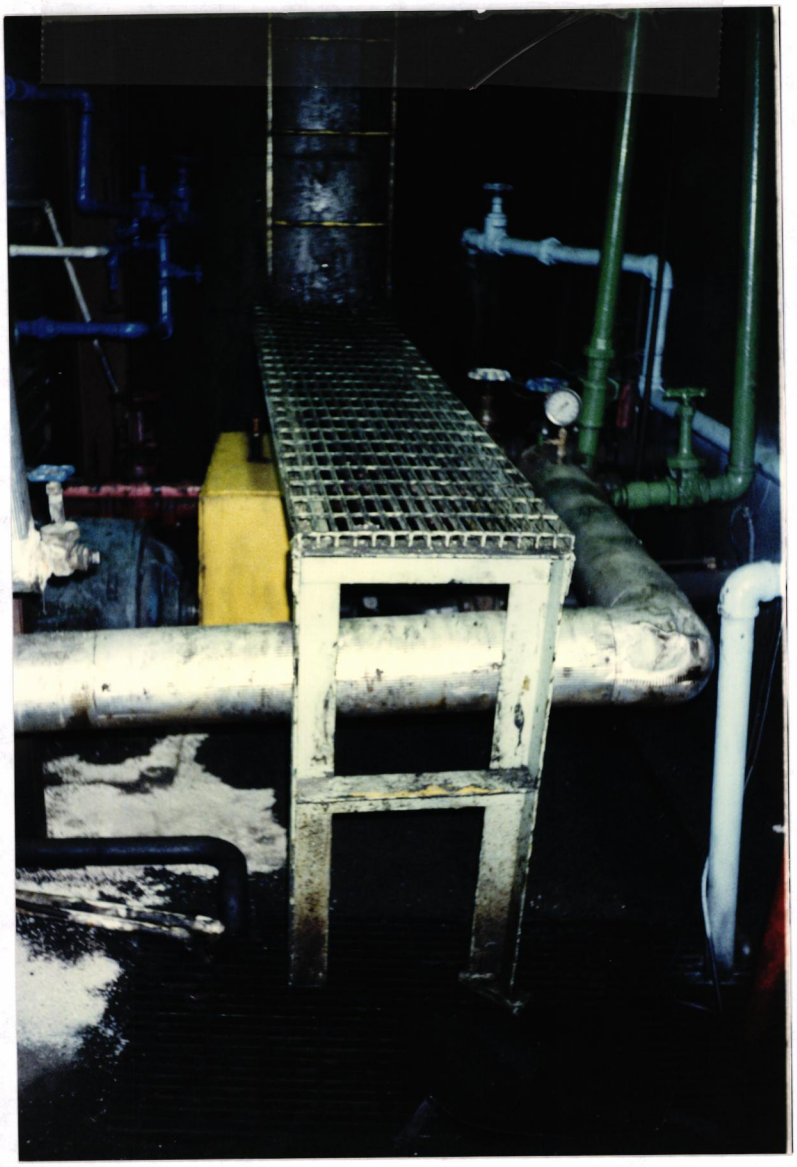


PHOTO 18

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo.
Direction: North
Date: June 14, 1991
Time: 10:15 a.m.
Photographer: James Aycock
Witness: Susan Rodgers
Camera Type: Minolta 35mm
Film Type: 200 ASA
Subject: Oil and water separator (grate) in foreground. Water storage tank in background (black tank) and ancillary piping.

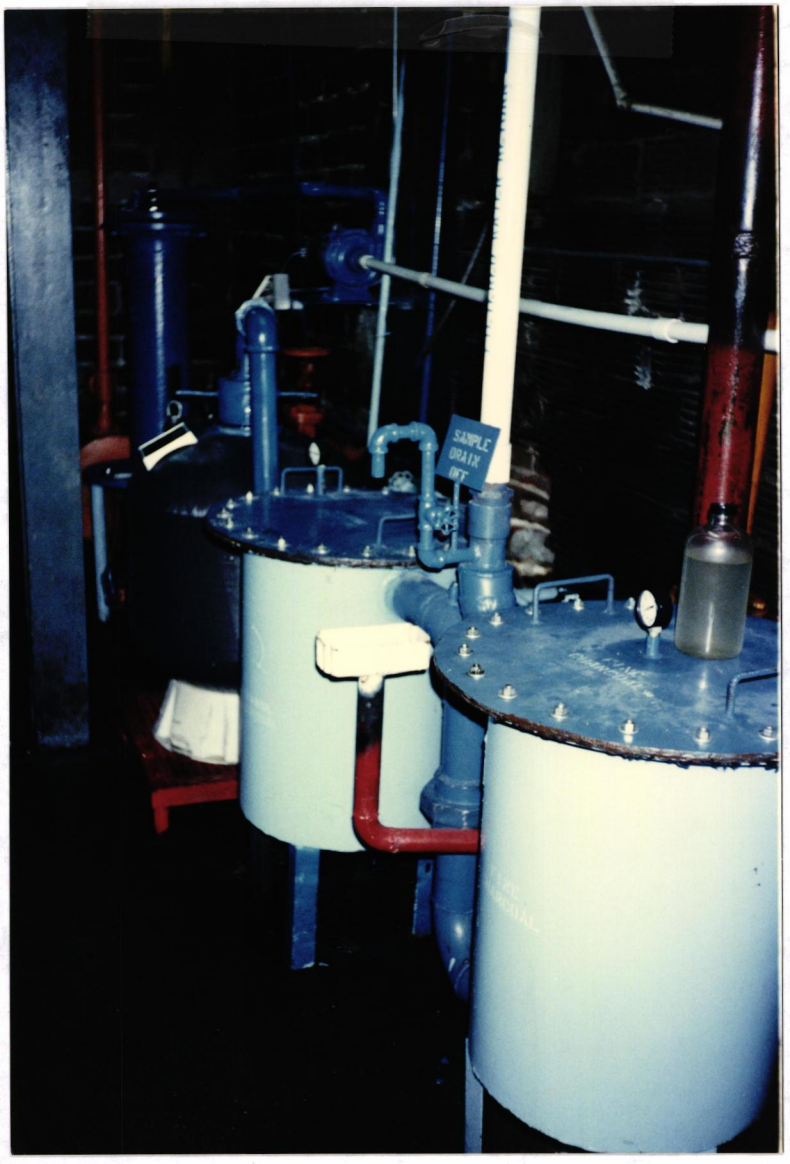


PHOTO 19

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo.
Direction: Southeast
Date: June 14, 1991
Time: 10:20 p.m.
Photographer: James Aycock
Witness: Susan Rodgers
Camera Type: Minolta 35mm
Film Type: 200 ASA
Subject: Water filtration system - From far left, 100-mesh screen and 100-mesh filter bag, sand filter (dark blue tank), activated charcoal filter tank (middle tank), and fine charcoal filter tank (far right tank).

PHOTO 20

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: North **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 10:21 a.m.
Subject: Box of used oil filters from secondary oil recovery unit. Scrubber box was located on second floor above the maintenance shop.

PHOTO 21

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Photographer:** James Aycock **Witness:** Susan Rodgers **Date:** June 14, 1991
Direction: North **Camera Type:** Minolta 35mm **Film Type:** 200 ASA **Time:** 10:22 a.m.
Subject: Five-gallon cans of paint used to paint equipment and buildings. Material is located on second floor above the maintenance shop.

PHOTO 22

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo.
Direction: West
Date: June 14, 1991
Time: 10:25 a.m.
Photographer: James Aycock
Witness: Susan Rodgers
Camera Type: Minolta 35mm
Film Type: 200 ASA
Subject: An area west of maintenance shop between boiler fuel storage tanks and north wall of adjacent building that is used to store scrap metal and miscellaneous parts. Note the accumulation of O&G on ground.

PHOTO 23

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo.
Direction: North
Date: June 14, 1991
Time: 10:30 a.m.
Photographer: James Aycock
Witness: Susan Rodgers
Camera Type: Minolta 35mm
Film Type: 200 ASA
Subject: Accumulation of O&G and floor dry absorbent on floor from filling machines located near the bottom of the production kettles.

PHOTO 24

Facility: Jesco Resources, Inc.
Location: N. K.C., Mo. **Film Type:** 200 ASA **Photographer:** James Aycock **Date:** June 14, 1991
Direction: Southeast **Camera Type:** Minolta 35mm **Witness:** Susan Rodgers **Time:** 2:00 p.m.
Subject: Jesco at time of exit